

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136905.D
 Acq On : 03 Jan 2024 13:39
 Operator : CG\JU
 Sample : PB157996BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157996BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/04/2024

Quant Time: Jan 03 14:09:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	87458	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	340828	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	180497	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	349649	20.000	ng	0.00
76) Chrysene-d12	13.969	240	198488	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	158321	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	618769	110.391	ng	0.01
7) Phenol-d6	6.440	99	780468	107.457	ng	0.00
23) Nitrobenzene-d5	7.351	82	479713	72.023	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	242545	114.098	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	970977	72.353	ng	-0.01
79) Terphenyl-d14	12.910	244	1106255	77.887	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	78540	33.629	ng	97
3) Pyridine	3.405	79	179819	31.556	ng	96
4) n-Nitrosodimethylamine	3.369	42	106867	35.119	ng	98
6) Aniline	6.451	93	248800	34.262	ng	# 16
8) 2-Chlorophenol	6.575	128	238216	38.835	ng	95
9) Benzaldehyde	6.340	77	100581	24.347	ng	97
10) Phenol	6.451	94	291247	37.564	ng	94
11) bis(2-Chloroethyl)ether	6.528	93	227348	38.557	ng	96
12) 1,3-Dichlorobenzene	6.722	146	241003	36.016	ng	98
13) 1,4-Dichlorobenzene	6.798	146	248304	36.316	ng	100
14) 1,2-Dichlorobenzene	6.951	146	233489	36.699	ng	98
15) Benzyl Alcohol	6.934	79	192007	39.186	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	352341	36.549	ng	81
17) 2-Methylphenol	7.045	107	192388	37.860	ng	95
18) Hexachloroethane	7.287	117	85993	34.631	ng	94
19) n-Nitroso-di-n-propyla...	7.204	70	162939	37.008	ng	95
20) 3+4-Methylphenols	7.198	107	244181	38.463	ng	# 87
22) Acetophenone	7.193	105	331956	38.858	ng	# 91
24) Nitrobenzene	7.369	77	239727	35.930	ng	95
25) Isophorone	7.604	82	452405	37.328	ng	100
26) 2-Nitrophenol	7.681	139	125768	39.398	ng	96
27) 2,4-Dimethylphenol	7.722	122	213342	54.895	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	278087	37.748	ng	98
29) 2,4-Dichlorophenol	7.928	162	196149	39.203	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	206709	37.080	ng	98
31) Naphthalene	8.081	128	685195	36.594	ng	99
32) Benzoic acid	7.881	122	158697	42.203	ng	96
33) 4-Chloroaniline	8.134	127	127137	18.390	ng	97
34) Hexachlorobutadiene	8.192	225	119874	35.393	ng	96
35) Caprolactam	8.522	113	70800m	42.894	ng	
36) 4-Chloro-3-methylphenol	8.634	107	216871	38.502	ng	99
37) 2-Methylnaphthalene	8.775	142	452946	37.588	ng	99
38) 1-Methylnaphthalene	8.875	142	417641	35.326	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	214873	38.440	ng	99
41) Hexachlorocyclopentadiene	8.922	237	162263	90.365	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	142087	39.635	ng	97

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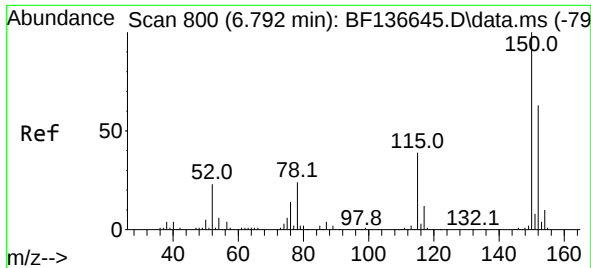
Manual Integrations
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	150095	37.572	ng	99
46) 1,1'-Biphenyl	9.239	154	579761	38.277	ng	98
47) 2-Chloronaphthalene	9.263	162	428369	37.202	ng	99
48) 2-Nitroaniline	9.369	65	139323	38.639	ng	98
49) Acenaphthylene	9.681	152	688652	39.128	ng	99
50) Dimethylphthalate	9.551	163	512189	38.849	ng	100
51) 2,6-Dinitrotoluene	9.616	165	113792	38.031	ng	98
52) Acenaphthene	9.851	154	415422	38.078	ng	99
53) 3-Nitroaniline	9.786	138	91953	29.011	ng	90
54) 2,4-Dinitrophenol	9.898	184	112686	68.515	ng	90
55) Dibenzofuran	10.028	168	619184	37.441	ng	98
56) 4-Nitrophenol	9.969	139	154746	72.323	ng	92
57) 2,4-Dinitrotoluene	10.022	165	143586	36.965	ng	93
58) Fluorene	10.369	166	512035	39.021	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	130239	42.352	ng	97
60) Diethylphthalate	10.251	149	518881	37.932	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	241613	37.881	ng	96
62) 4-Nitroaniline	10.410	138	114556	37.491	ng	91
63) Azobenzene	10.522	77	486300	38.062	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	80341	40.094	ng	94
66) n-Nitrosodiphenylamine	10.486	169	452741	39.860	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	149806	38.579	ng	91
68) Hexachlorobenzene	10.922	284	169690	39.213	ng	95
69) Atrazine	11.022	200	207165	71.311	ng	98
70) Pentachlorophenol	11.122	266	134261	66.563	ng	97
71) Phenanthrene	11.339	178	726995	40.522	ng	99
72) Anthracene	11.392	178	741344	40.802	ng	100
73) Carbazole	11.551	167	682604	39.848	ng	99
74) Di-n-butylphthalate	11.875	149	849165	40.624	ng	99
75) Fluoranthene	12.533	202	767853	40.012	ng	99
77) Benzidine	12.657	184	183757	31.398	ng	99
78) Pyrene	12.763	202	764124	39.216	ng	100
80) Butylbenzylphthalate	13.380	149	315204	44.458	ng	96
81) Benzo(a)anthracene	13.957	228	562197	40.790	ng	98
82) 3,3'-Dichlorobenzidine	13.922	252	156897	40.084	ng	98
83) Chrysene	13.992	228	533681	39.596	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	421126	47.209	ng	97
85) Di-n-octyl phthalate	14.563	149	615321	44.593	ng	98
87) Indeno(1,2,3-cd)pyrene	16.957	276	475125	41.565	ng	99
88) Benzo(b)fluoranthene	15.010	252	459353	43.440	ng	98
89) Benzo(k)fluoranthene	15.045	252	419296	41.964	ng	98
90) Benzo(a)pyrene	15.380	252	370568	41.516	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	398768	42.522	ng	98
92) Benzo(g,h,i)perylene	17.415	276	393583	40.977	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Instrument :

BNA_F

ClientSampleId :

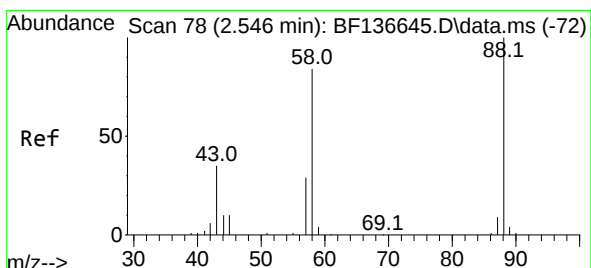
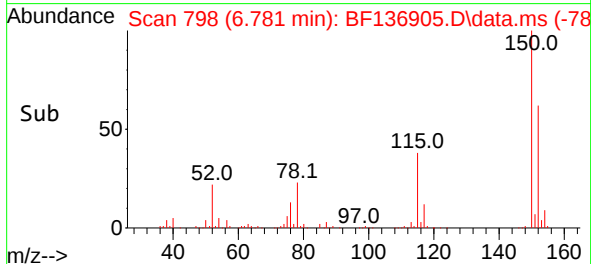
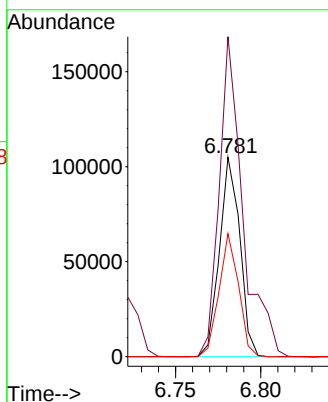
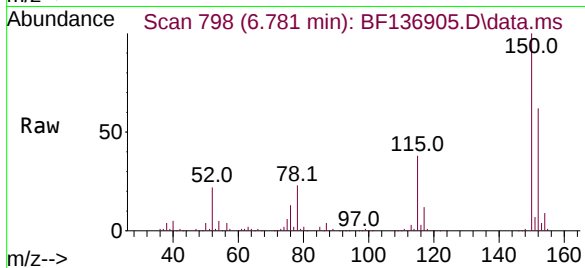
PB157996BS

Tgt Ion:152 Resp: 87458
Ion Ratio Lower Upper
152 100
150 160.6 127.0 190.6
115 61.7 49.0 73.4

Manual Integrations

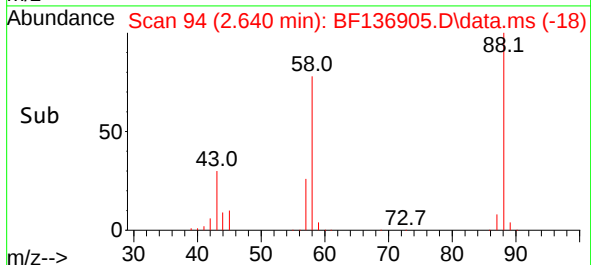
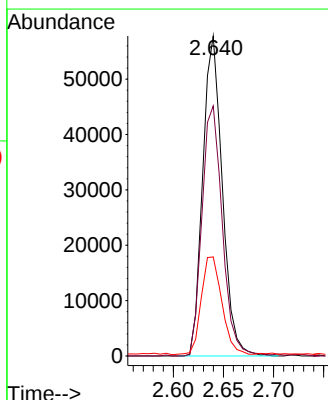
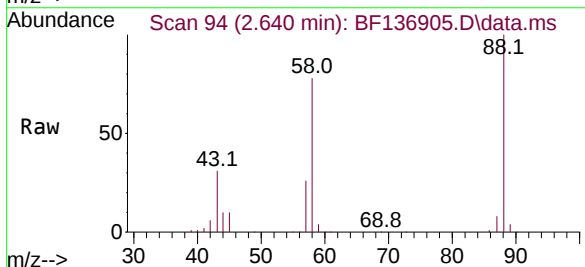
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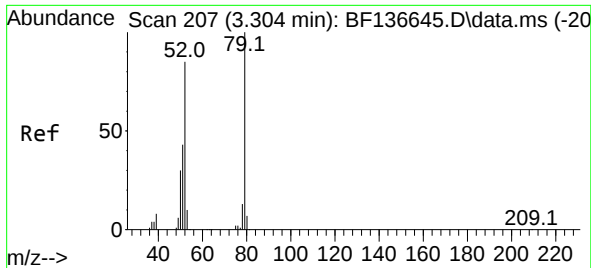
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#2
1,4-Dioxane
Concen: 33.629 ng
RT: 2.640 min Scan# 94
Delta R.T. 0.094 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

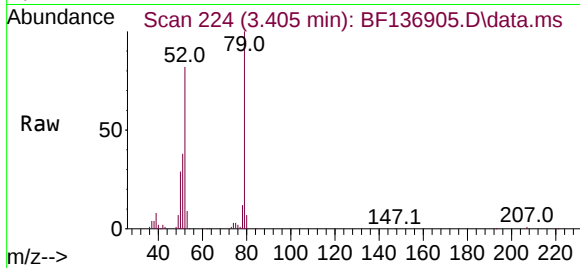
Tgt Ion: 88 Resp: 78540
Ion Ratio Lower Upper
88 100
58 81.4 67.4 101.0
43 32.3 27.7 41.5





#3
Pyridine
Concen: 31.556 ng
RT: 3.405 min Scan# 218
Delta R.T. 0.100 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

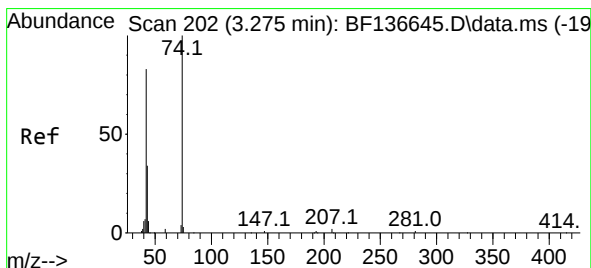
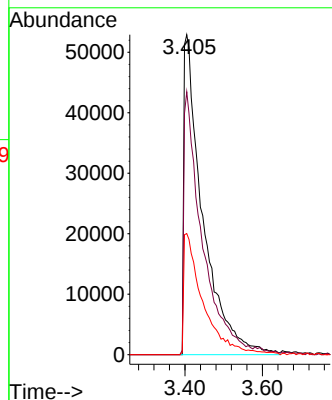
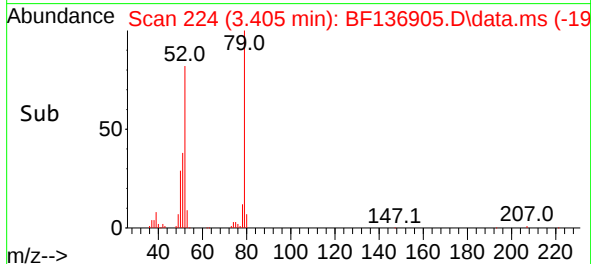
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ClientSampleId :
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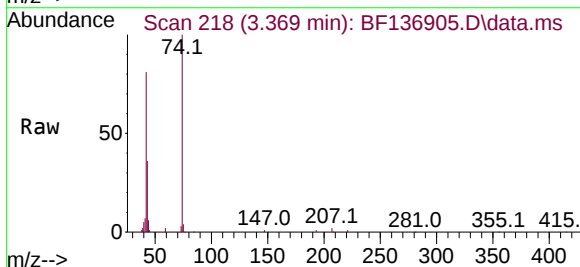
Tgt Ion: 79 Resp: 179819
Ion Ratio Lower Upper
79 100
52 82.1 67.7 101.5
51 37.9 34.0 51.0

Manual Integrations
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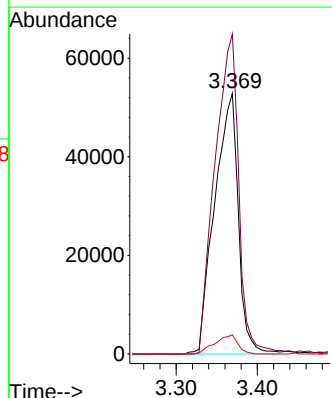
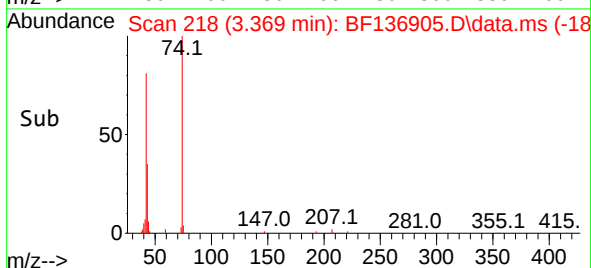
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#4
n-Nitrosodimethylamine
Concen: 35.119 ng
RT: 3.369 min Scan# 218
Delta R.T. 0.094 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39



Tgt Ion: 42 Resp: 106867
Ion Ratio Lower Upper
42 100
74 122.8 96.0 144.0
44 7.4 5.4 8.2





#5
2-Fluorophenol
Concen: 110.391 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Instrument :

BNA_F

ClientSampleId :

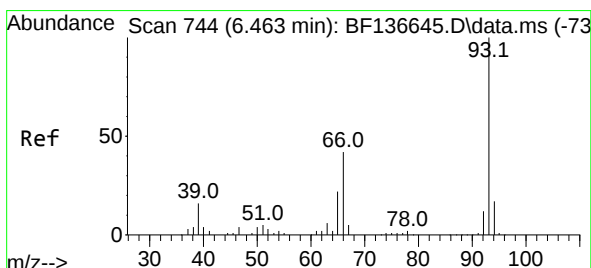
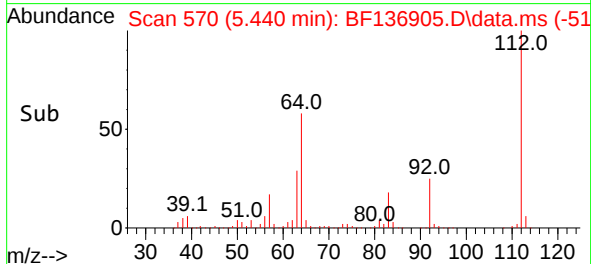
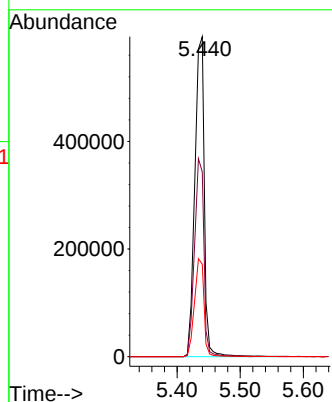
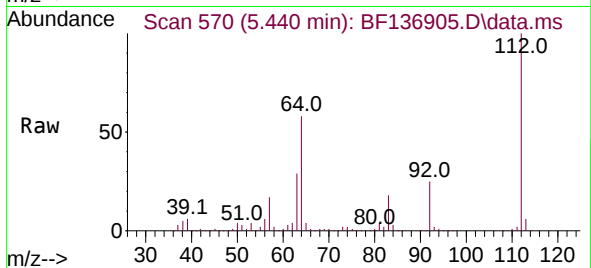
PB157996BS

Tgt Ion:112 Resp: 618769
Ion Ratio Lower Upper
112 100
64 57.8 51.1 76.7
63 28.9 26.1 39.1

Manual Integrations

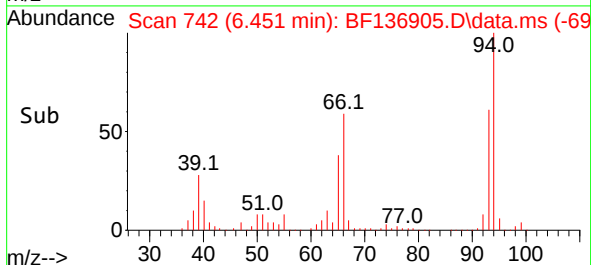
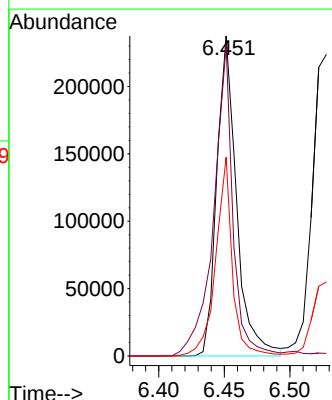
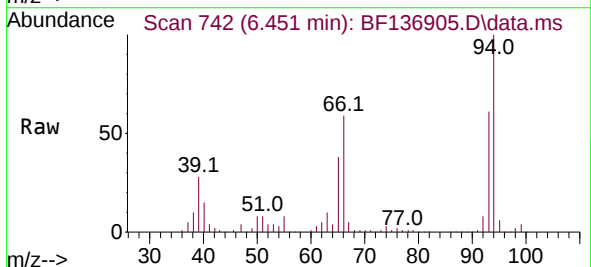
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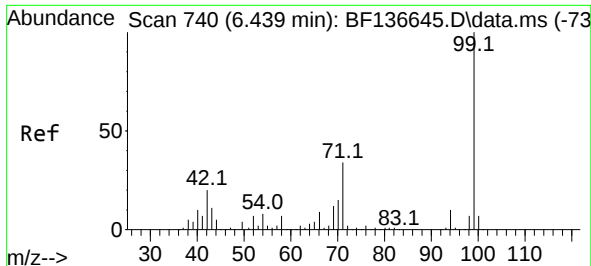
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#6
Aniline
Concen: 34.262 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

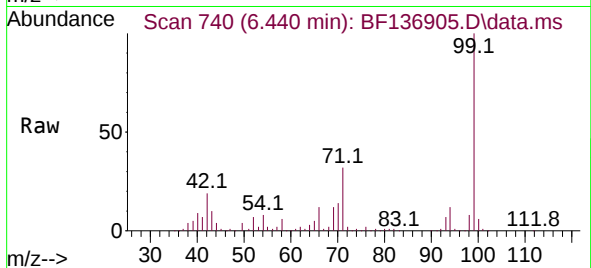
Tgt Ion: 93 Resp: 248800
Ion Ratio Lower Upper
93 100
66 96.9 34.6 51.8#
65 62.1 17.8 26.8#





#7
Phenol-d6
Concen: 107.457 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

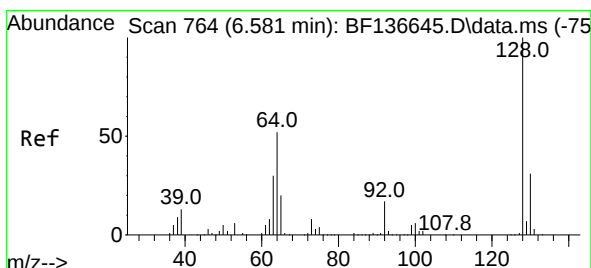
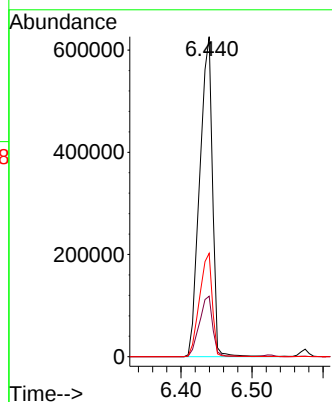
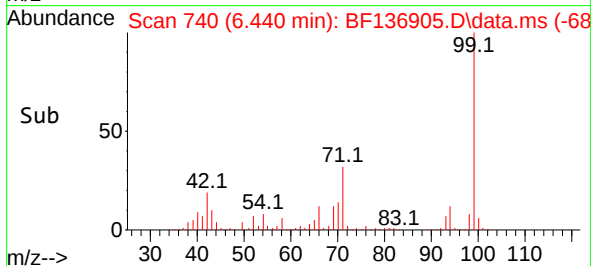
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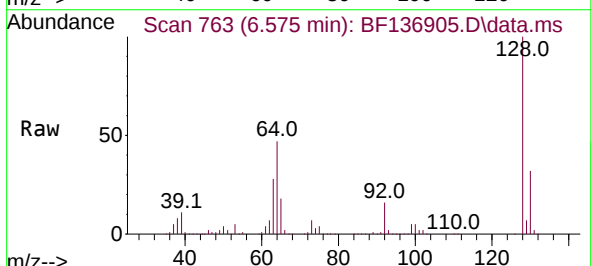
Tgt Ion: 99 Resp: 780468
Ion Ratio Lower Upper
99 100
42 18.9 16.1 24.1
71 32.3 27.4 41.2

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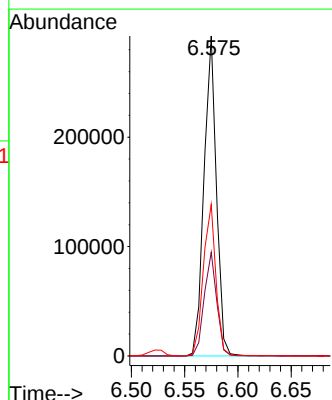
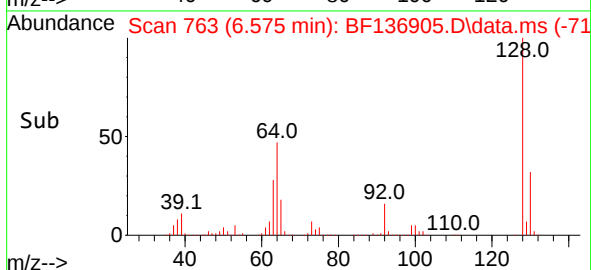
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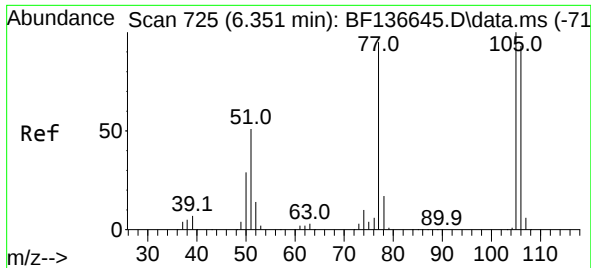


#8
2-Chlorophenol
Concen: 38.835 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39



Tgt Ion:128 Resp: 238216
Ion Ratio Lower Upper
128 100
130 32.4 11.3 51.3
64 47.4 32.5 72.5





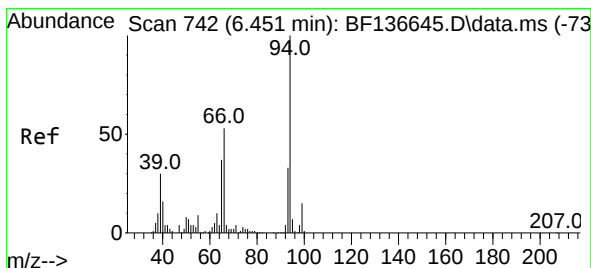
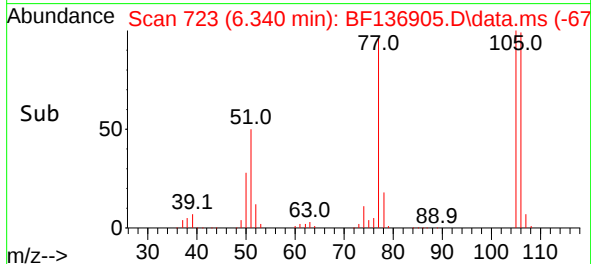
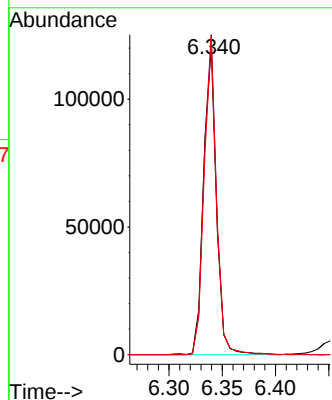
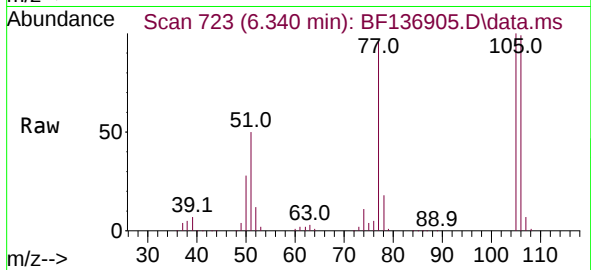
#9
Benzaldehyde
Concen: 24.347 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Instrument :
BNA_F
ClientSampleId :
PB157996BS

Tgt Ion: 77 Resp: 10058
Ion Ratio Lower Upper
77 100
105 104.2 84.8 124.8
106 103.4 77.8 117.8

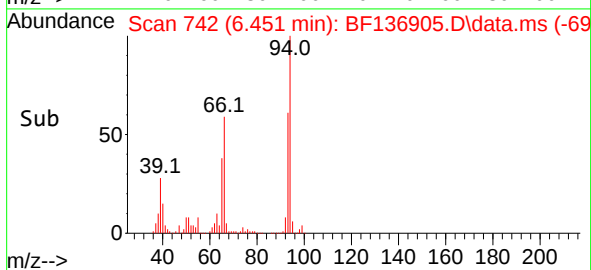
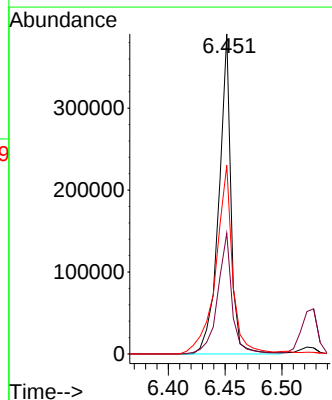
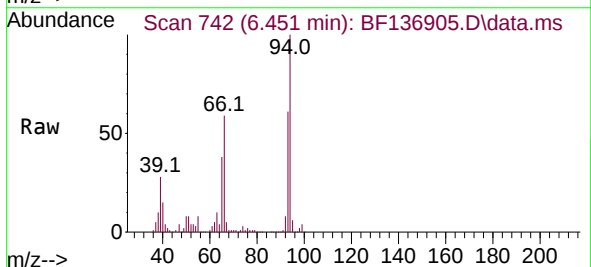
Manual Integrations
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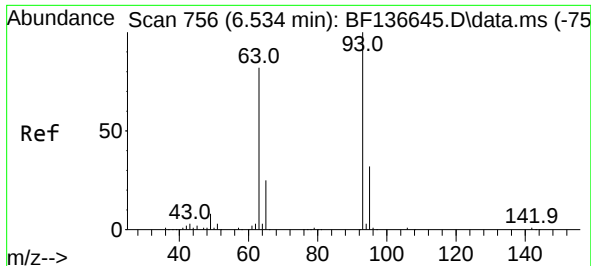
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#10
Phenol
Concen: 37.564 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Tgt Ion: 94 Resp: 291247
Ion Ratio Lower Upper
94 100
65 37.8 16.6 56.6
66 58.9 32.6 72.6





#11
bis(2-Chloroethyl)ether
Concen: 38.557 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Instrument :

BNA_F

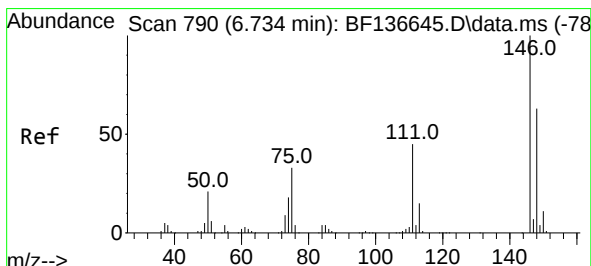
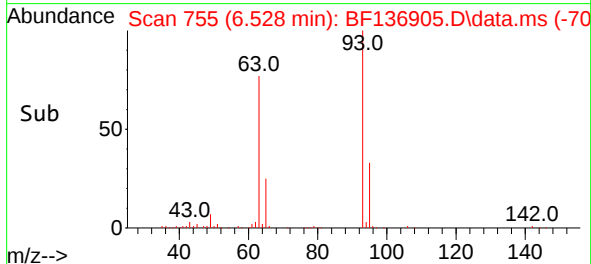
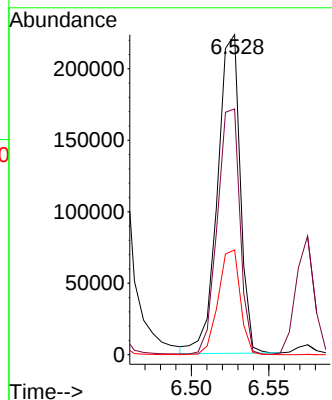
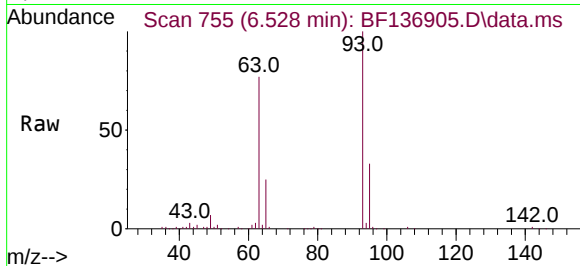
ClientSampleId :

PB157996BS

Tgt Ion: 93 Resp: 227348
Ion Ratio Lower Upper
93 100
63 76.8 61.2 101.2
95 32.7 11.6 51.6

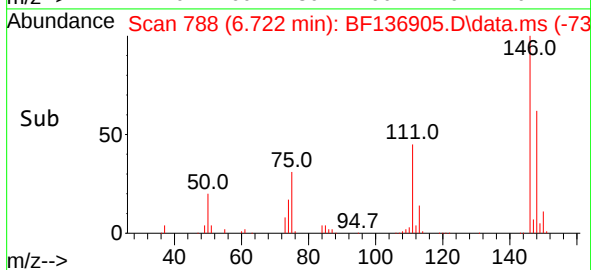
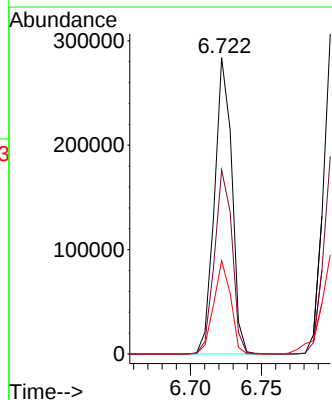
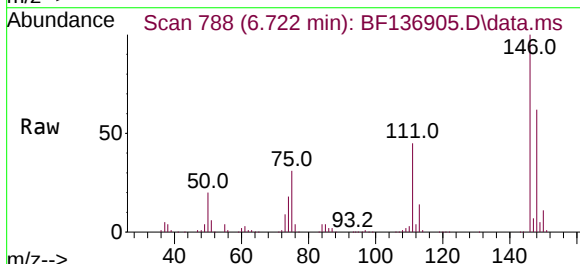
Manual Integrations
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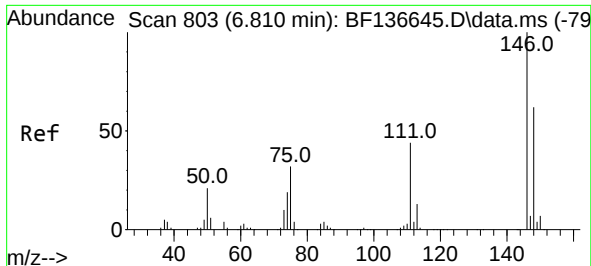
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#12
1,3-Dichlorobenzene
Concen: 36.016 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.012 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Tgt Ion:146 Resp: 241003
Ion Ratio Lower Upper
146 100
148 62.1 50.5 75.7
75 31.5 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 36.316 ng

RT: 6.798 min Scan# 803

Delta R.T. -0.012 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB157996BS

Tgt Ion:146 Resp: 248304

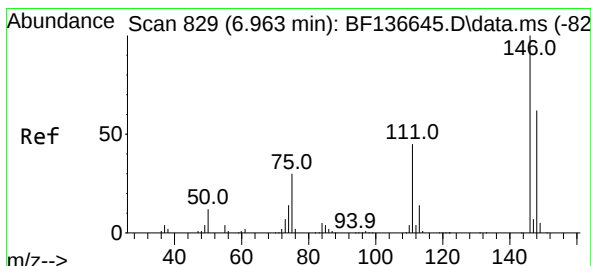
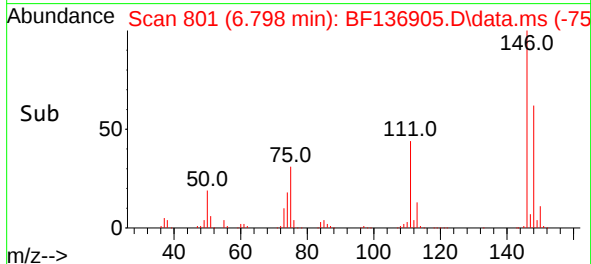
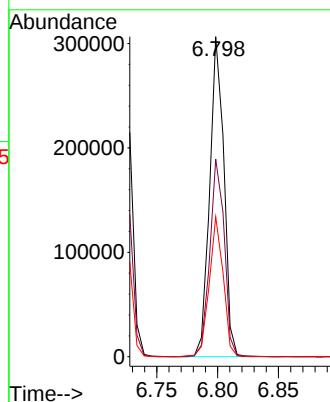
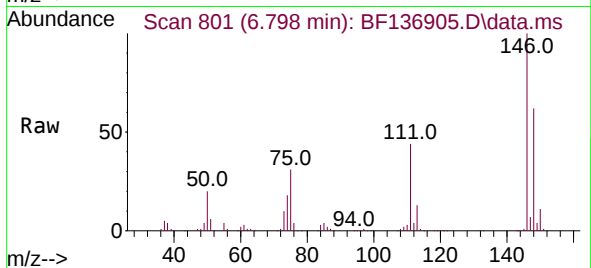
Ion	Ratio	Lower	Upper
146	100		
148	61.7	49.2	73.8
111	43.7	35.2	52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#14

1,2-Dichlorobenzene

Concen: 36.699 ng

RT: 6.951 min Scan# 827

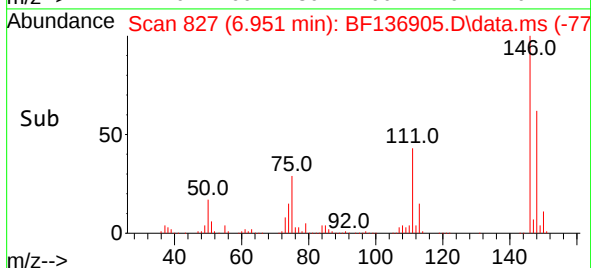
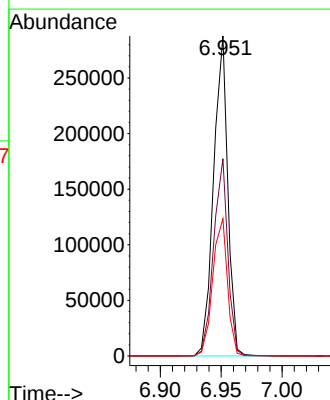
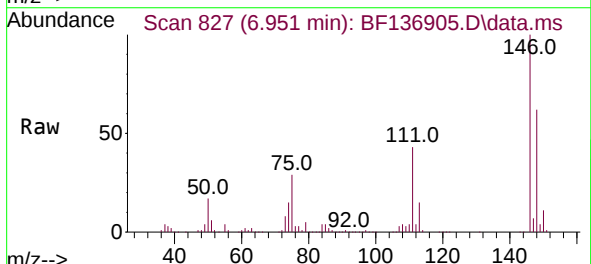
Delta R.T. -0.012 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Tgt Ion:146 Resp: 233489

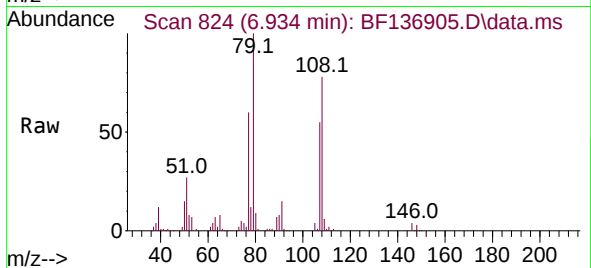
Ion	Ratio	Lower	Upper
146	100		
148	61.7	49.6	74.4
111	42.9	36.2	54.2





#15
Benzyl Alcohol
Concen: 39.186 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

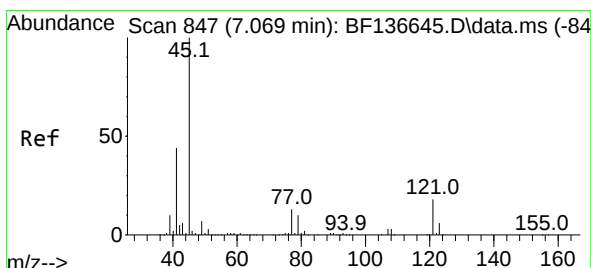
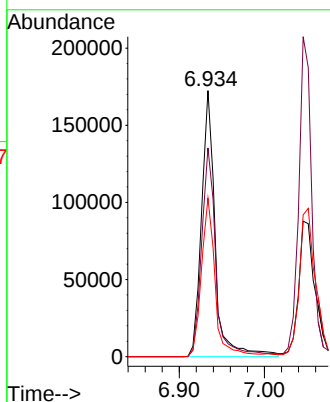
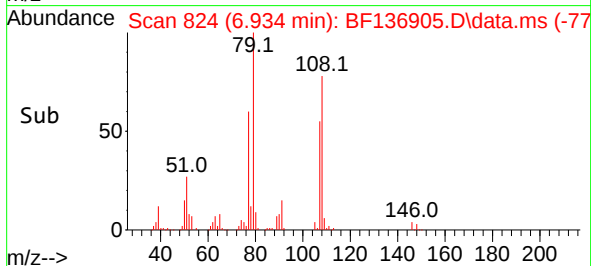
Instrument :
BNA_F
ClientSampleId :
PB157996BS



Tgt Ion: 79 Resp: 19200
Ion Ratio Lower Upper
79 100
108 78.5 61.0 91.6
77 59.6 49.8 74.8

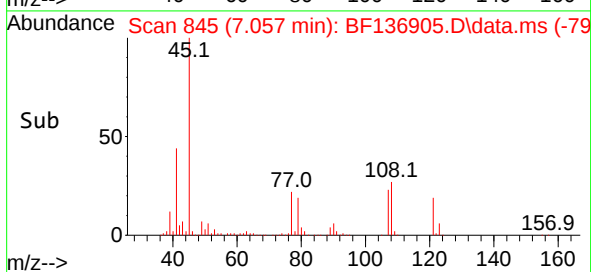
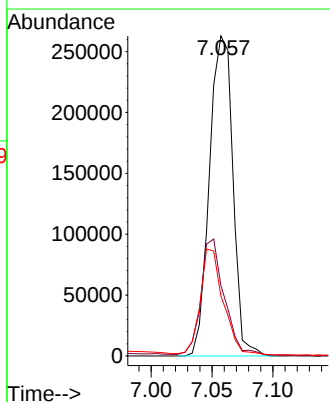
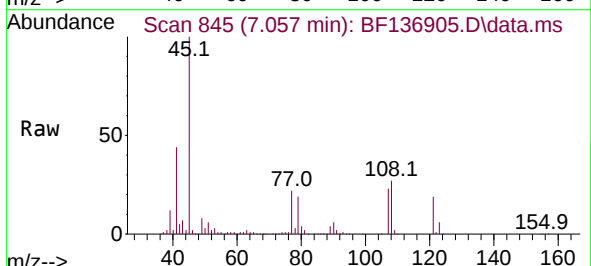
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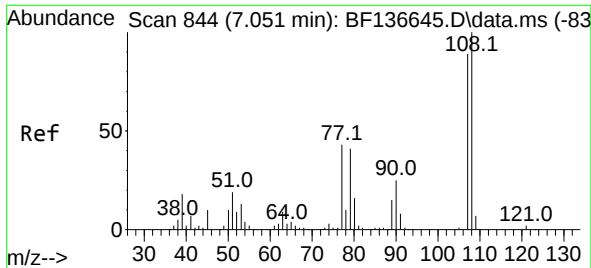
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.549 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Tgt Ion: 45 Resp: 352341
Ion Ratio Lower Upper
45 100
77 21.9 0.0 34.3
79 18.7 0.0 31.4





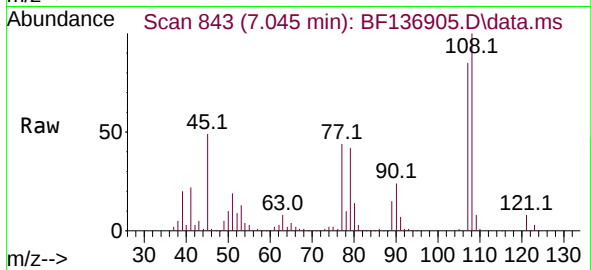
#17
2-Methylphenol
Concen: 37.860 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB157996BS

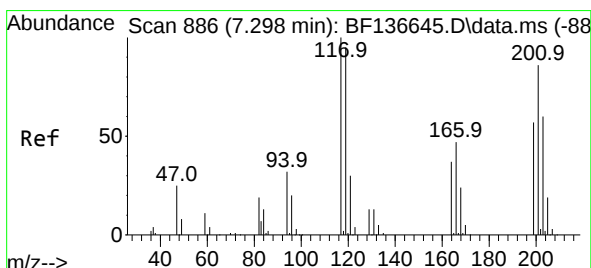
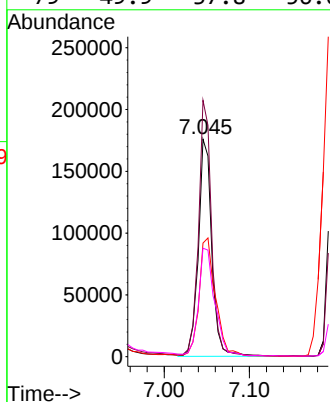
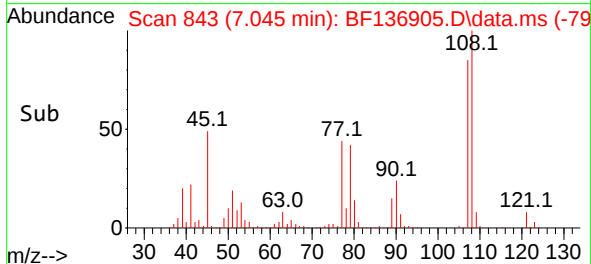


Tgt Ion:107 Resp: 19238
Ion Ratio Lower Upper
107 100
108 117.9 90.3 135.5
77 52.2 38.7 58.1
79 49.9 37.8 56.6

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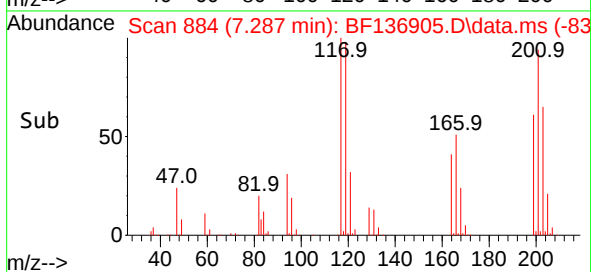
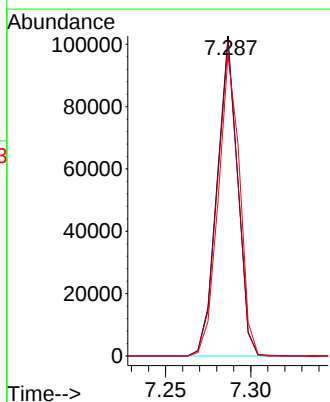
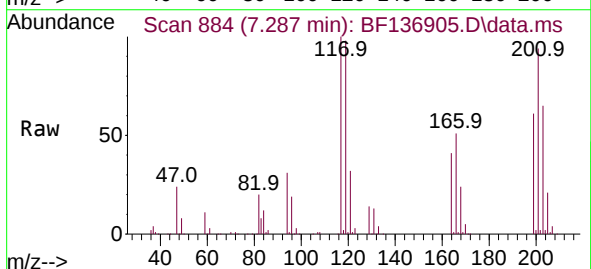
APPROVED

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#18
Hexachloroethane
Concen: 34.631 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

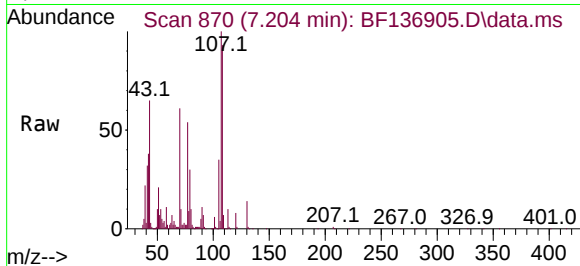
Tgt Ion:117 Resp: 85993
Ion Ratio Lower Upper
117 100
119 98.3 75.8 113.6
201 94.1 69.1 103.7





#19
n-Nitroso-di-n-propylamine
Concen: 37.008 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

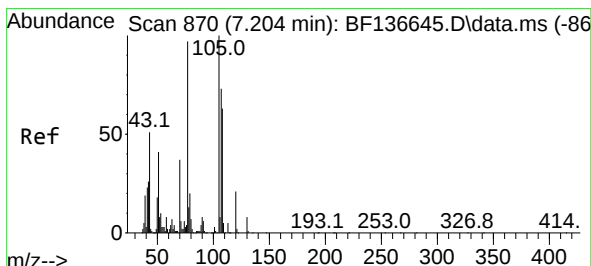
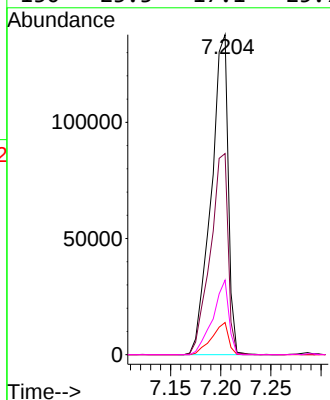
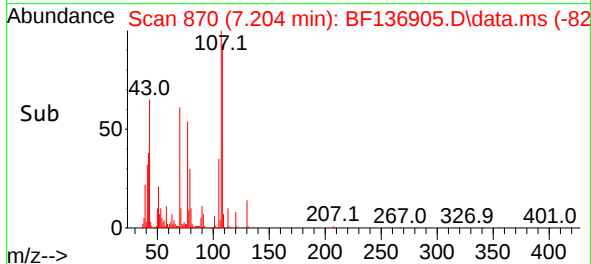
Instrument :
BNA_F
ClientSampleId :
PB157996BS



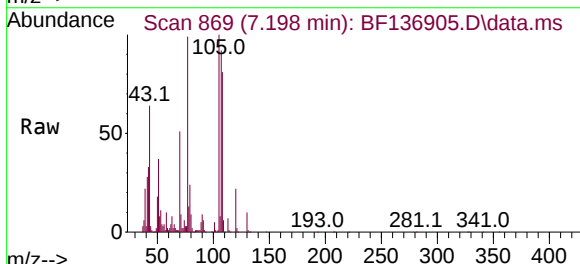
Tgt Ion: 70 Resp: 162939
Ion Ratio Lower Upper
70 100
42 62.9 54.2 81.4
101 10.1 7.6 11.4
130 23.3 17.1 25.7

Manual Integrations
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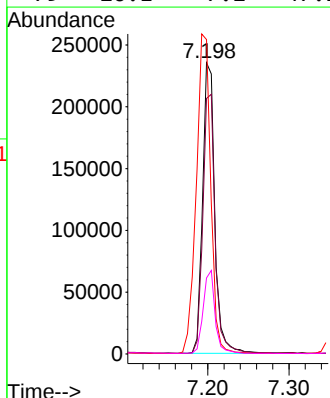
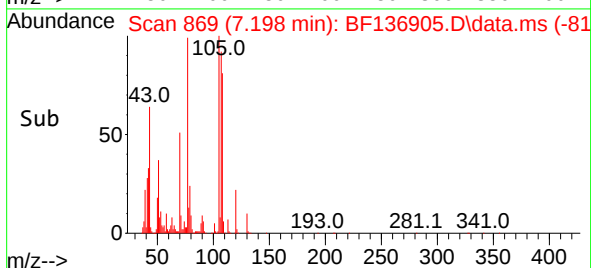
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#20
3+4-Methylphenols
Concen: 38.463 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39



Tgt Ion:107 Resp: 244181
Ion Ratio Lower Upper
107 100
108 87.7 66.0 106.0
77 108.0 114.2 154.2#
79 26.1 7.2 47.2





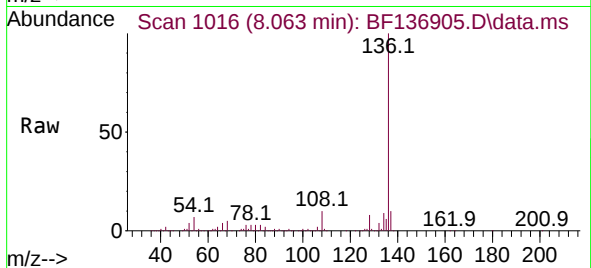
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB157996BS



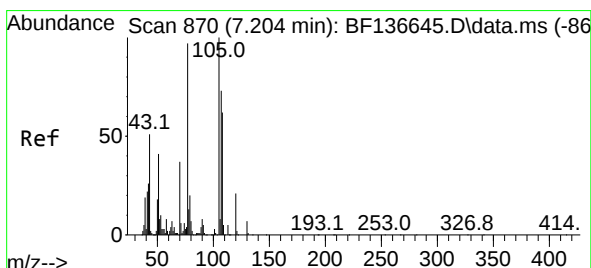
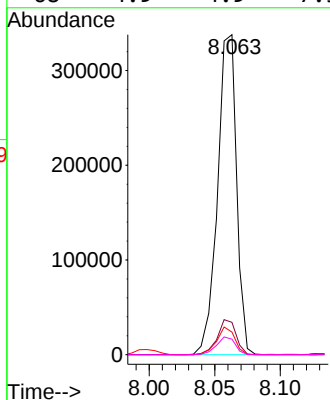
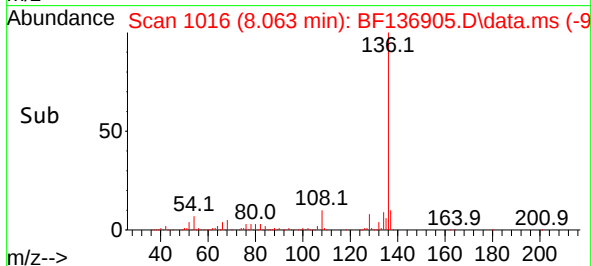
Tgt Ion:136 Resp: 340828
Ion Ratio Lower Upper
136 100
137 10.1 9.0 13.4
54 7.0 7.2 10.8
68 4.9 4.9 7.3#

Manual Integrations

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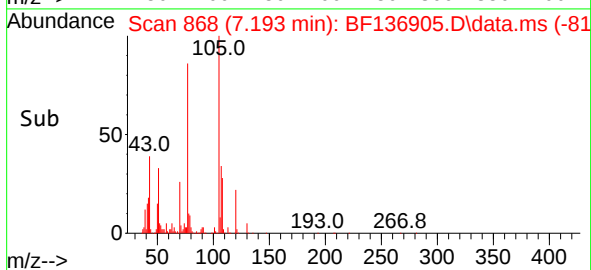
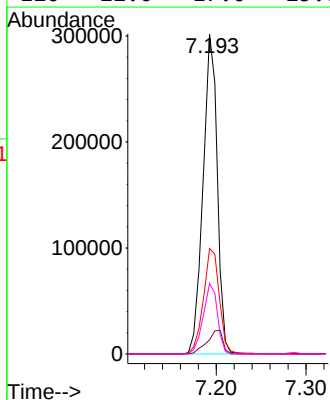
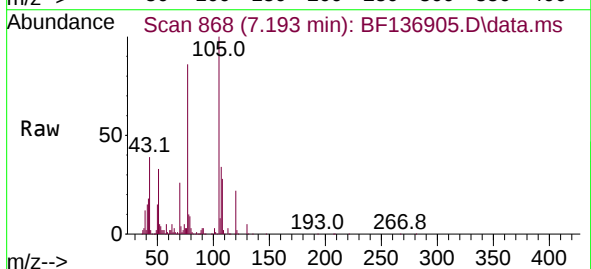
Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#22
Acetophenone
Concen: 38.858 ng
RT: 7.193 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Tgt Ion:105 Resp: 331956
Ion Ratio Lower Upper
105 100
71 4.4 4.8 7.2#
51 33.0 32.8 49.2
120 22.0 17.0 25.6





#23

Nitrobenzene-d5

Concen: 72.023 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB157996BS

Tgt Ion: 82 Resp: 479711

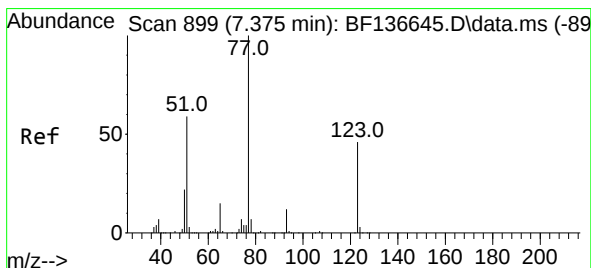
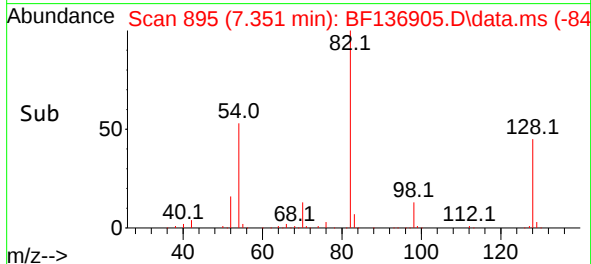
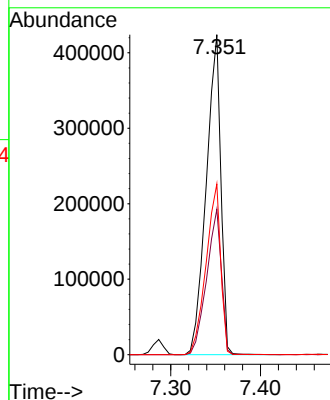
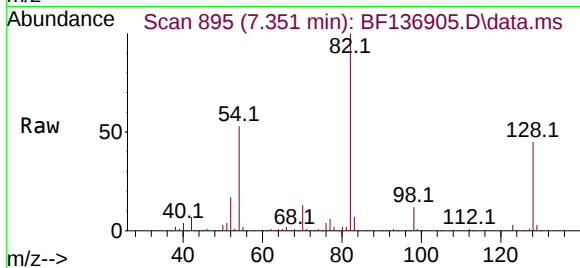
Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.3	52.9
54	53.4	44.5	66.7

Manual Integrations

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Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#24

Nitrobenzene

Concen: 35.930 ng

RT: 7.369 min Scan# 898

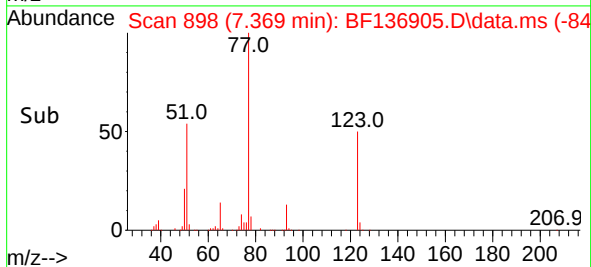
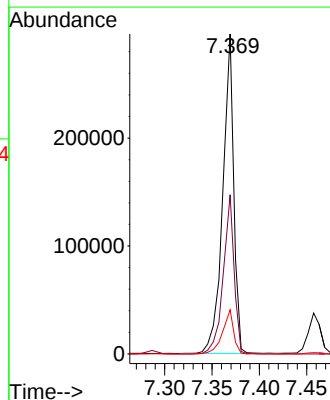
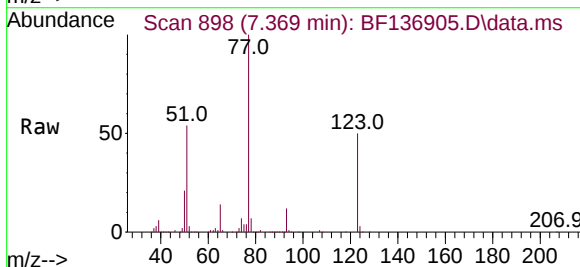
Delta R.T. -0.006 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Tgt Ion: 77 Resp: 239727

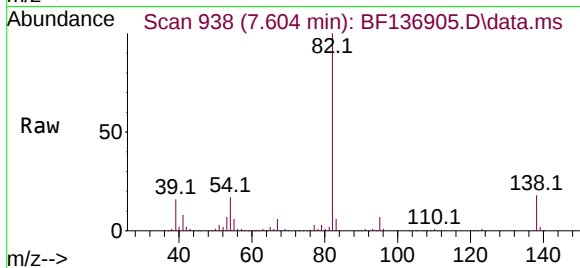
Ion	Ratio	Lower	Upper
77	100		
123	49.7	36.7	55.1
65	13.8	11.8	17.6





#25
Isophorone
Concen: 37.328 ng
RT: 7.604 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

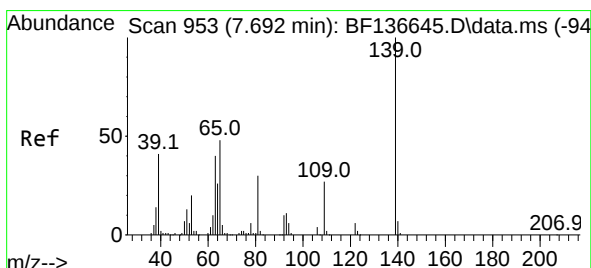
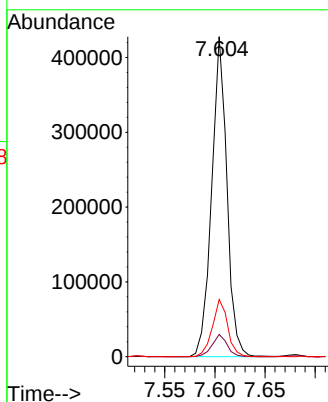
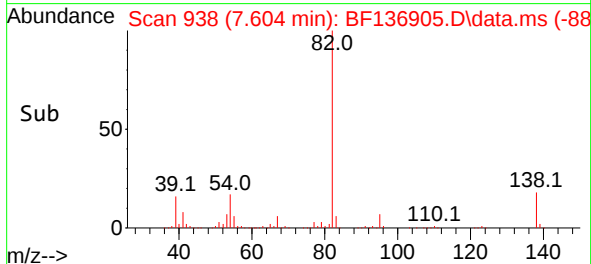
Instrument :
BNA_F
ClientSampleId :
PB157996BS



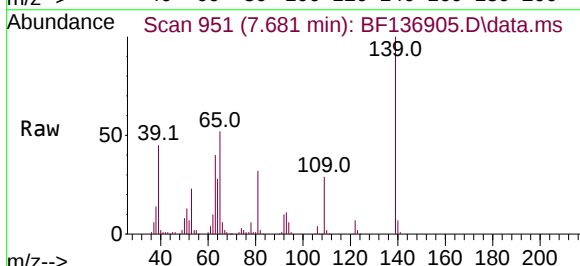
Tgt Ion: 82 Resp: 45240
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.8 14.5 21.7

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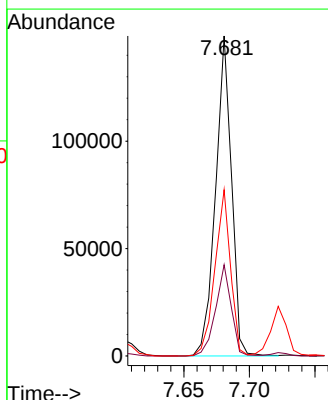
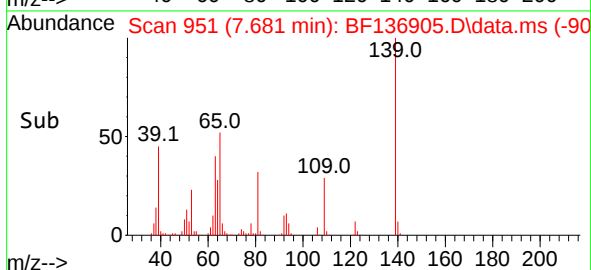
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

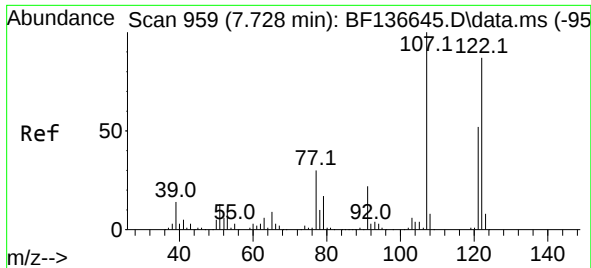


#26
2-Nitrophenol
Concen: 39.398 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39



Tgt Ion:139 Resp: 125768
Ion Ratio Lower Upper
139 100
109 28.5 21.9 32.9
65 52.0 38.6 58.0





#27
2,4-Dimethylphenol
Concen: 54.895 ng
RT: 7.722 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Instrument :

BNA_F

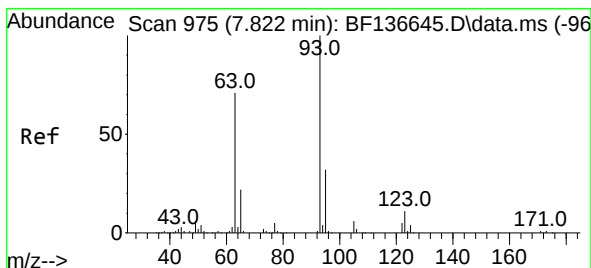
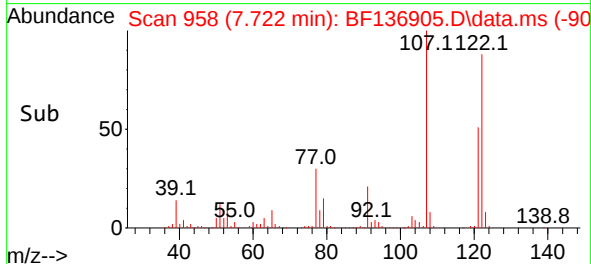
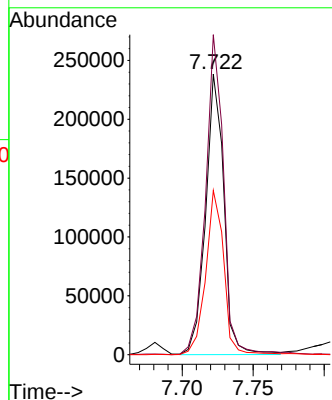
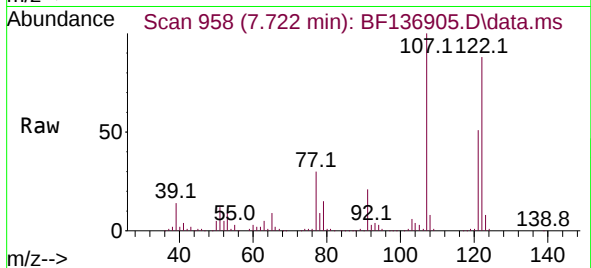
ClientSampleId :

PB157996BS

Tgt Ion:122 Resp: 21334
Ion Ratio Lower Upper
122 100
107 114.0 92.0 138.0
121 58.5 47.5 71.3

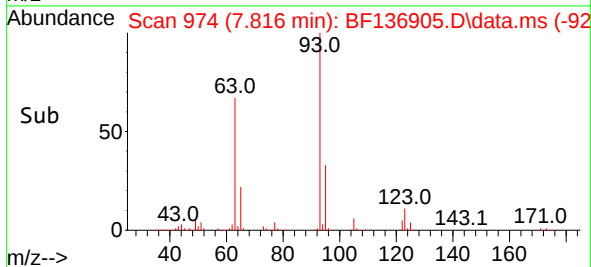
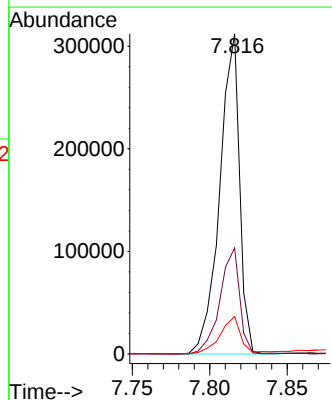
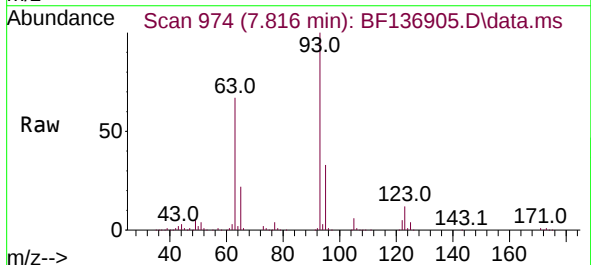
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#28
bis(2-Chloroethoxy)methane
Concen: 37.748 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Tgt Ion: 93 Resp: 278087
Ion Ratio Lower Upper
93 100
95 33.1 25.5 38.3
123 11.7 9.2 13.8





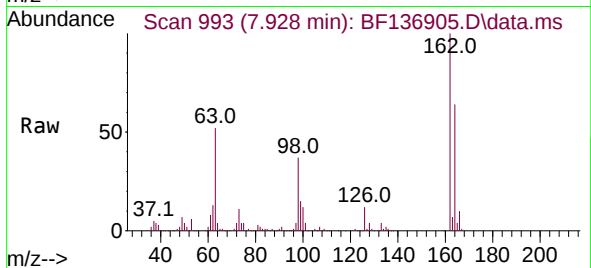
#29
2,4-Dichlorophenol
Concen: 39.203 ng
RT: 7.928 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB157996BS

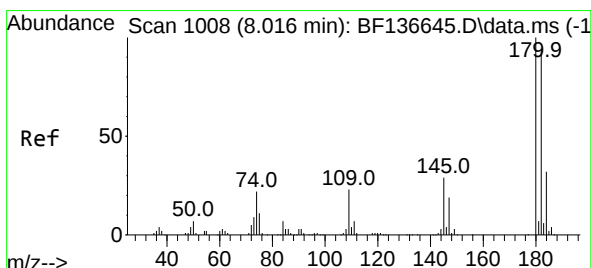
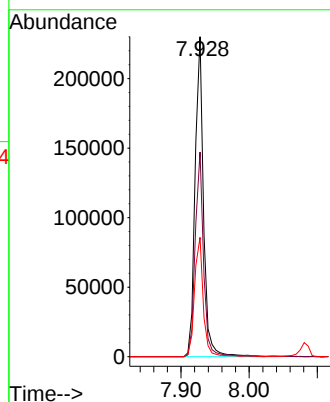
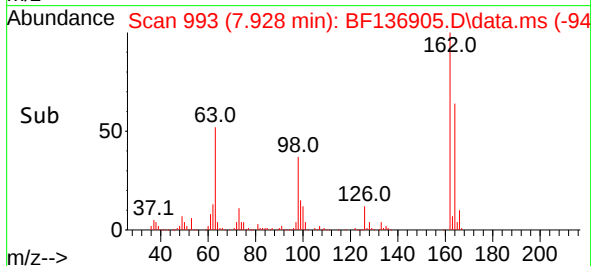


Tgt Ion:162 Resp: 196149
Ion Ratio Lower Upper
162 100
164 63.9 41.7 81.7
98 37.3 19.5 59.5

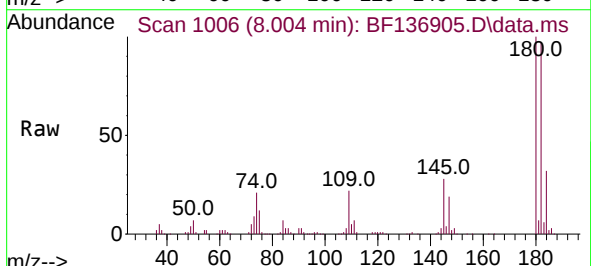
Manual Integrations

APPROVED

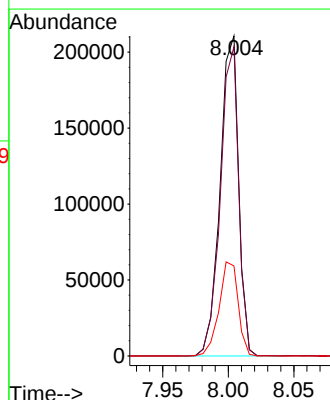
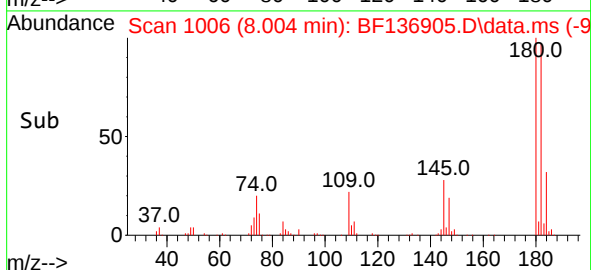
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

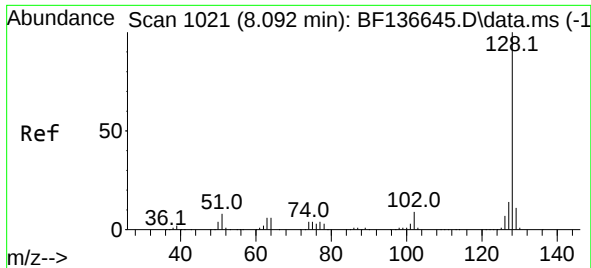


#30
1,2,4-Trichlorobenzene
Concen: 37.080 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39



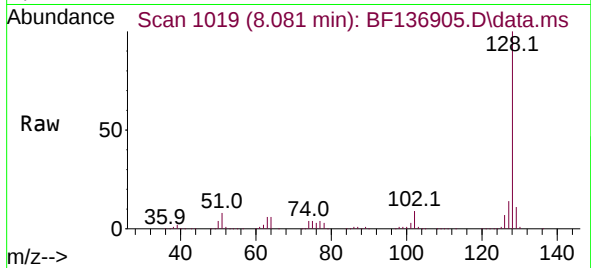
Tgt Ion:180 Resp: 206709
Ion Ratio Lower Upper
180 100
182 96.7 75.4 113.0
145 28.1 23.1 34.7





#31
Naphthalene
Concen: 36.594 ng
RT: 8.081 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

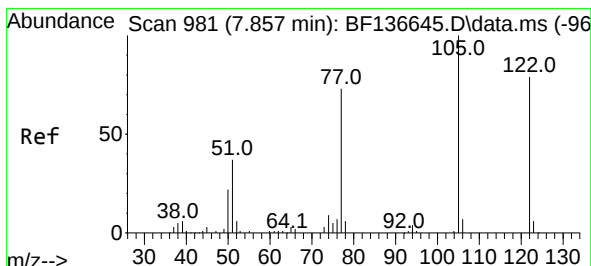
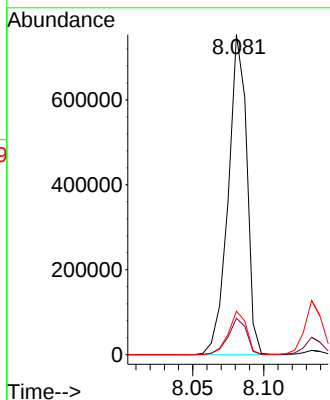
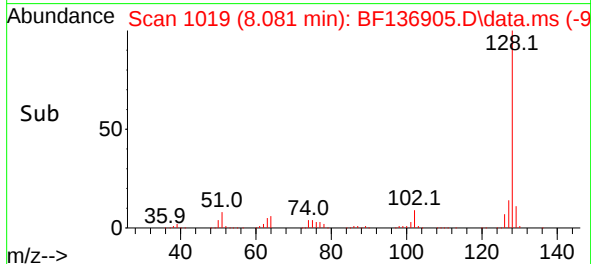
Instrument :
BNA_F
ClientSampleId :
PB157996BS



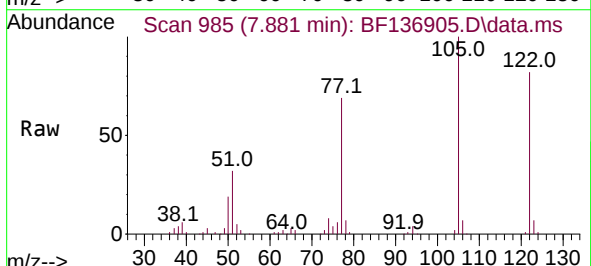
Tgt Ion:128 Resp: 68519
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.6 10.8 16.2

Manual Integrations
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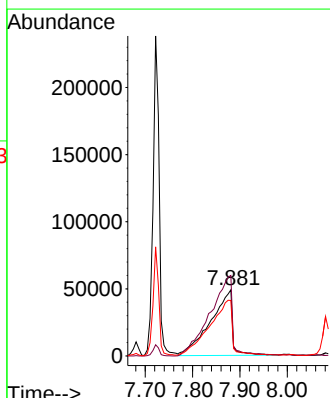
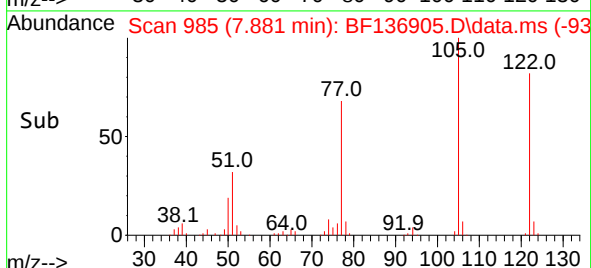
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

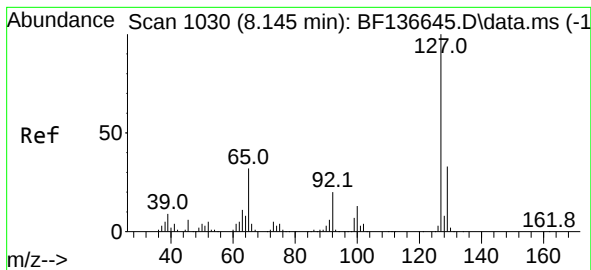


#32
Benzoic acid
Concen: 42.203 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.024 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39



Tgt Ion:122 Resp: 158697
Ion Ratio Lower Upper
122 100
105 121.8 100.8 140.8
77 84.1 70.9 110.9





#33
4-Chloroaniline
Concen: 18.390 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Instrument :

BNA_F

ClientSampleId :

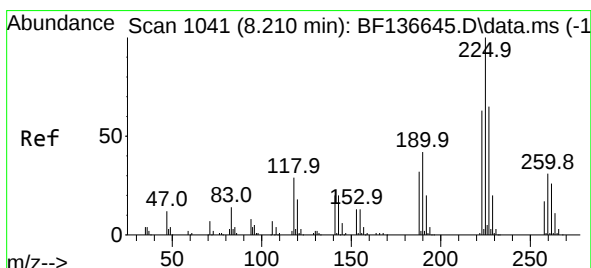
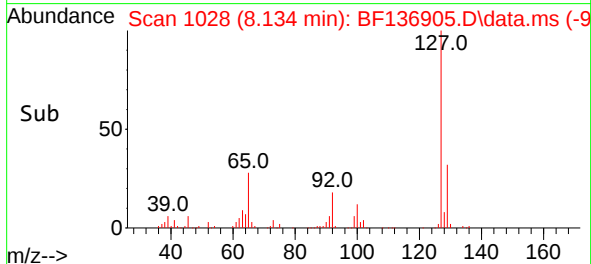
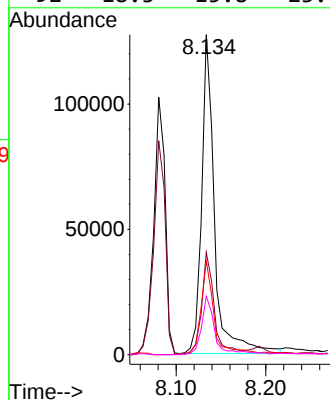
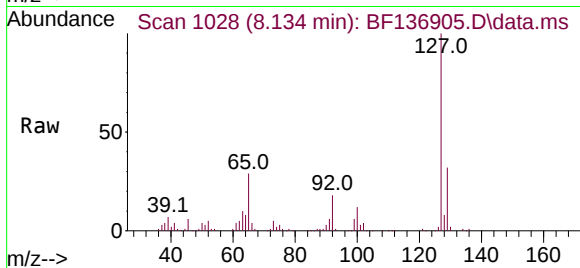
PB157996BS

Tgt Ion:127 Resp: 12713
Ion Ratio Lower Upper
127 100
129 32.1 26.3 39.5
65 29.3 25.8 38.8
92 18.3 15.8 23.6

Manual Integrations

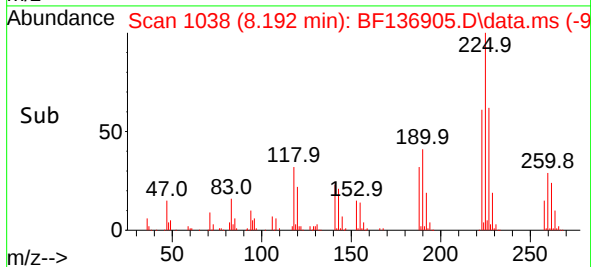
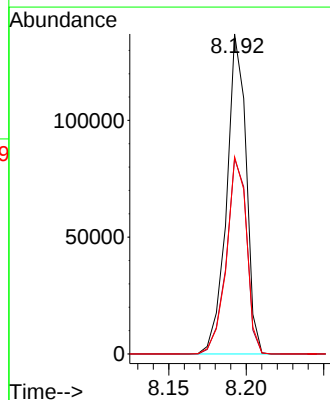
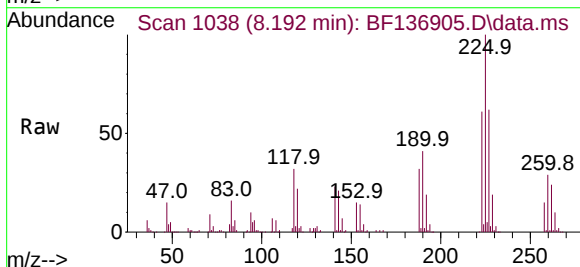
APPROVED

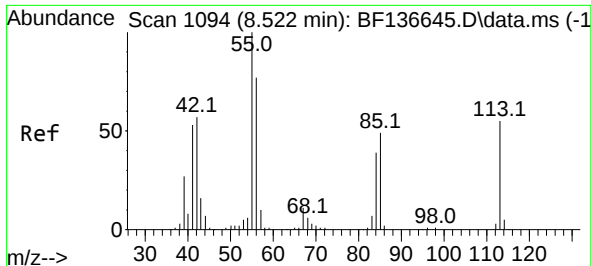
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#34
Hexachlorobutadiene
Concen: 35.393 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.017 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

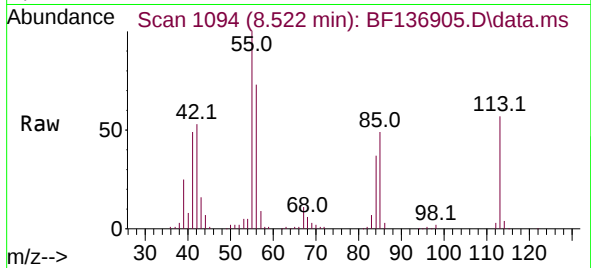
Tgt Ion:225 Resp: 119874
Ion Ratio Lower Upper
225 100
223 61.1 50.6 76.0
227 61.6 51.9 77.9





#35
Caprolactam
Concen: 42.894 ng m
RT: 8.522 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

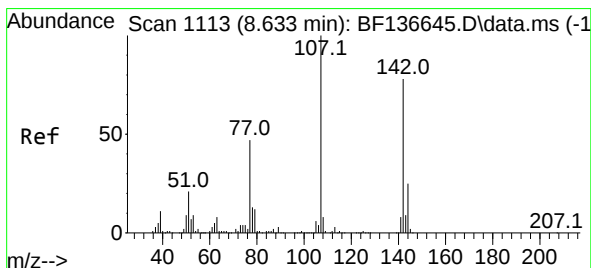
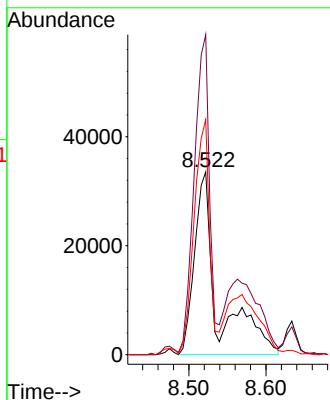
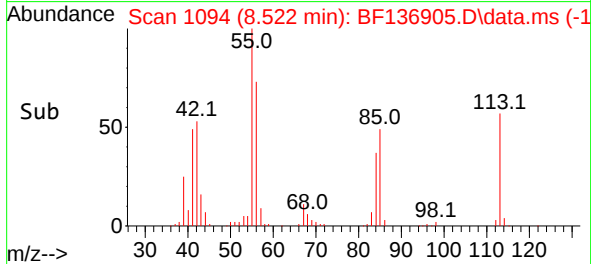
Instrument :
BNA_F
ClientSampleId :
PB157996BS



Tgt Ion:113 Resp: 70800
Ion Ratio Lower Upper
113 100
55 175.1 163.1 203.1
56 128.6 121.7 161.7

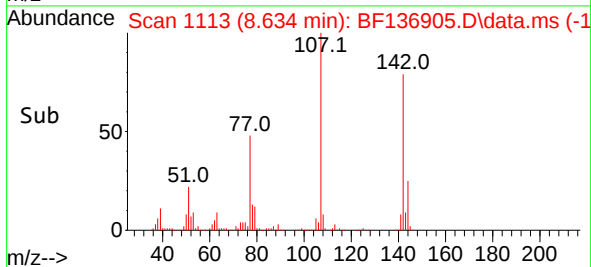
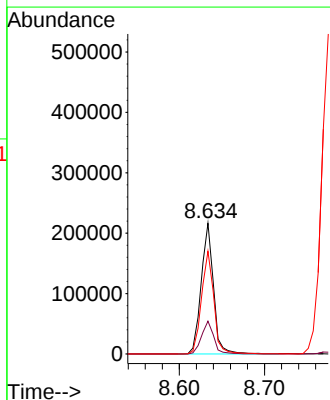
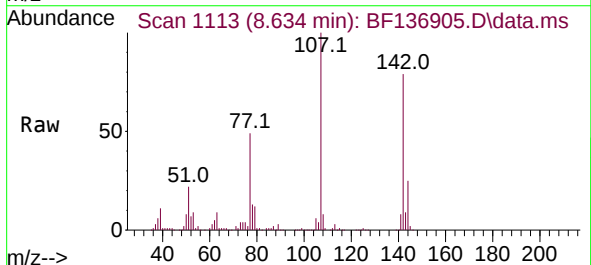
Manual Integrations
APPROVED

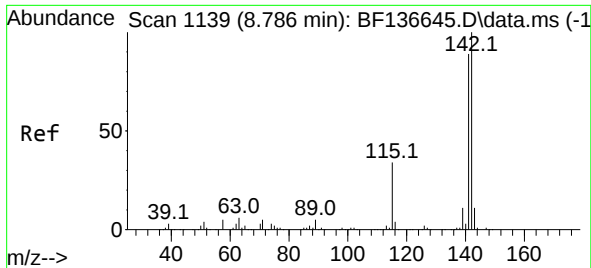
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#36
4-Chloro-3-methylphenol
Concen: 38.502 ng
RT: 8.634 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Tgt Ion:107 Resp: 216871
Ion Ratio Lower Upper
107 100
144 25.0 20.2 30.2
142 78.6 62.3 93.5





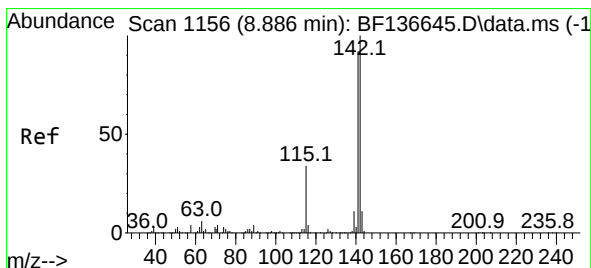
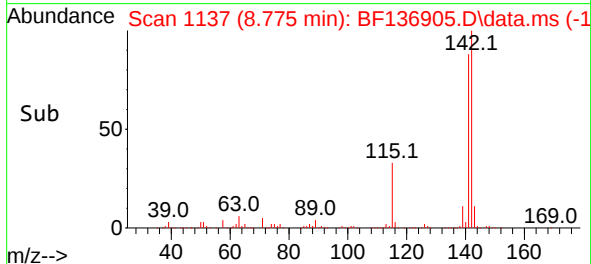
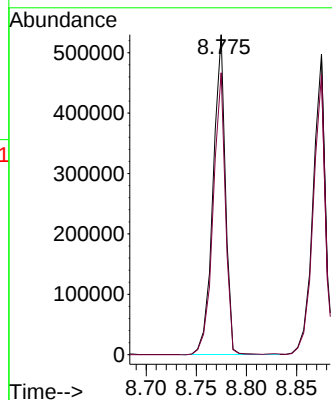
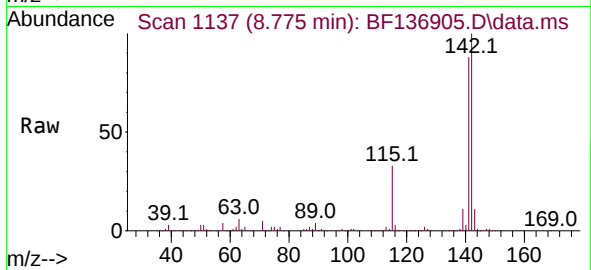
#37
2-Methylnaphthalene
Concen: 37.588 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Instrument :
BNA_F
ClientSampleId :
PB157996BS

Tgt Ion:142 Resp: 452940
Ion Ratio Lower Upper
142 100
141 88.1 71.1 106.7

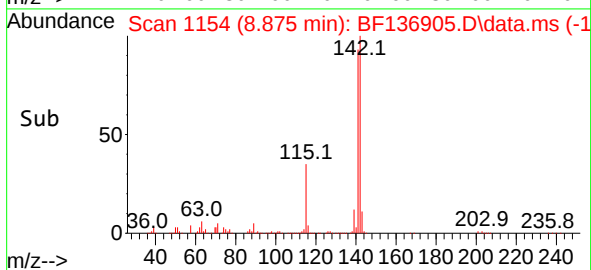
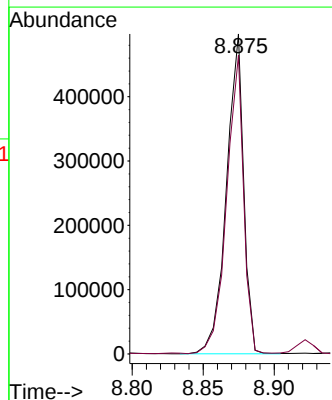
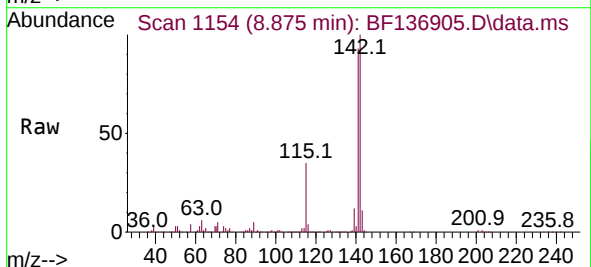
Manual Integrations
APPROVED

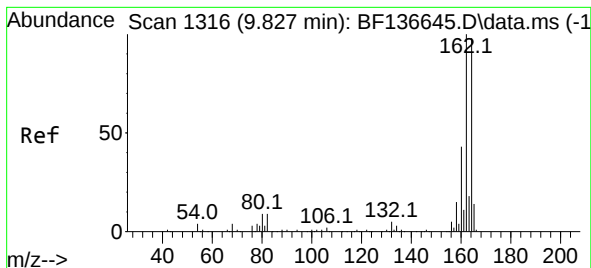
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#38
1-Methylnaphthalene
Concen: 35.326 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Tgt Ion:142 Resp: 417641
Ion Ratio Lower Upper
142 100
141 93.3 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136905.D

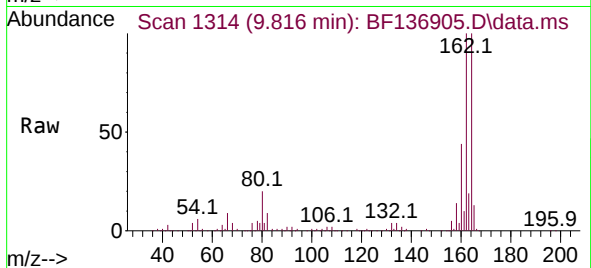
Acq: 03 Jan 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB157996BS



Tgt Ion:164 Resp: 18049

Ion Ratio Lower Upper

164 100

162 99.6 81.6 122.4

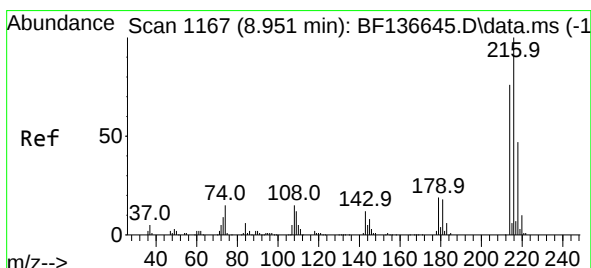
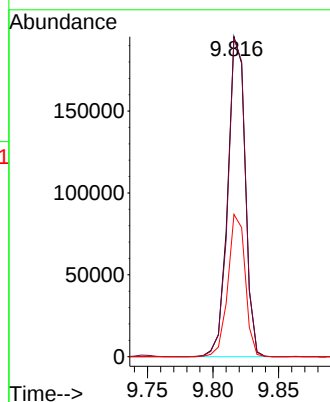
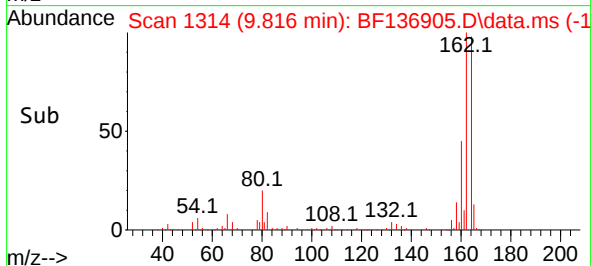
160 44.5 34.9 52.3

Manual Integrations

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Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.440 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Tgt Ion:216 Resp: 214873

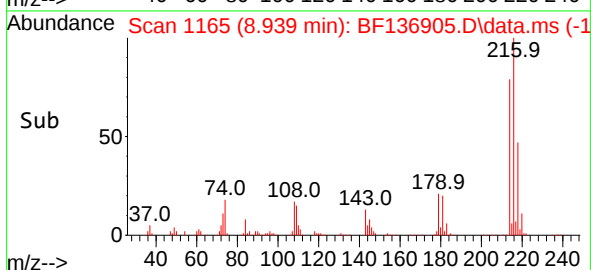
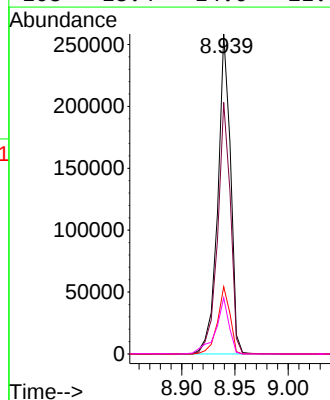
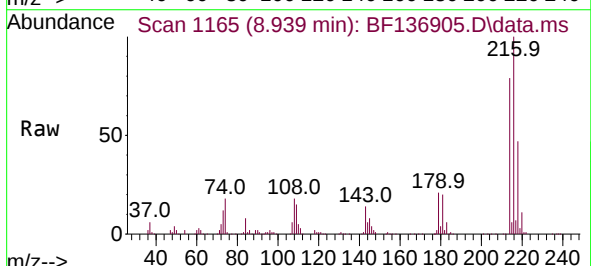
Ion Ratio Lower Upper

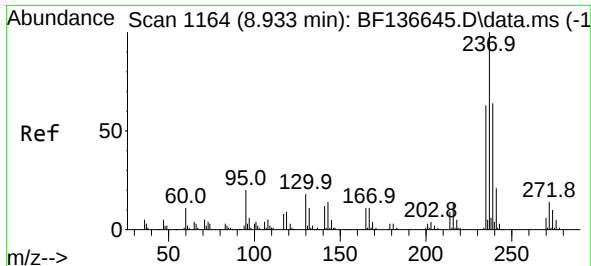
216 100

214 78.8 62.3 93.5

179 20.6 16.4 24.6

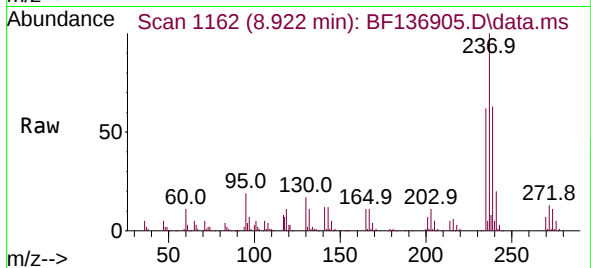
108 18.4 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 90.365 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

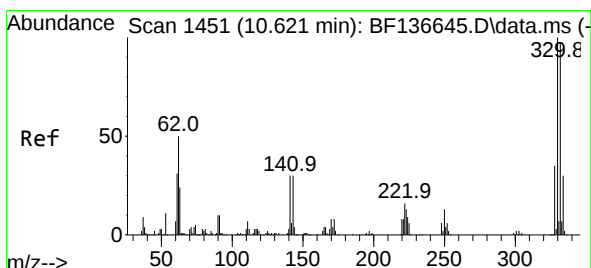
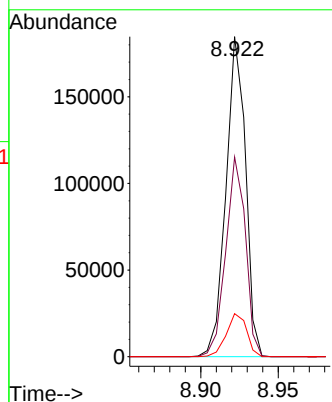
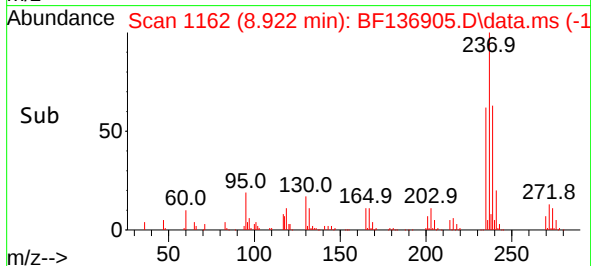
Instrument :
BNA_F
ClientSampleId :
PB157996BS



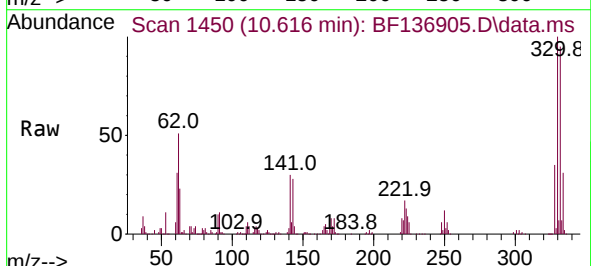
Tgt Ion:237 Resp: 162263
Ion Ratio Lower Upper
237 100
235 62.4 43.2 83.2
272 13.4 0.0 34.2

Manual Integrations
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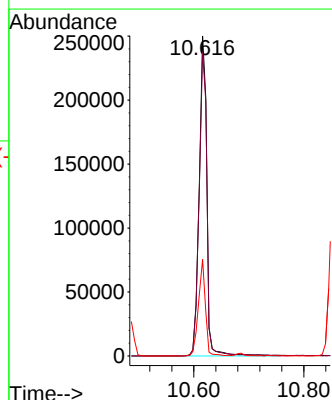
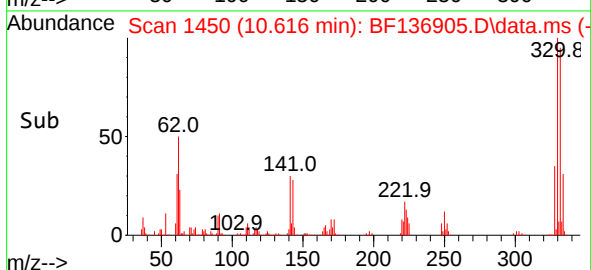
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

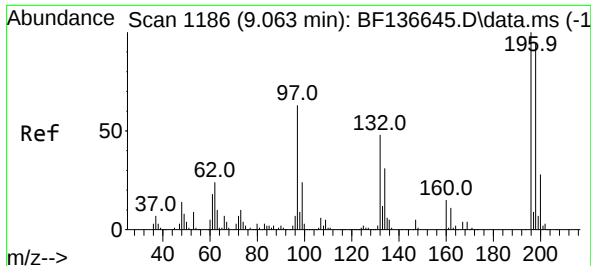


#42
2,4,6-Tribromophenol
Concen: 114.098 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39



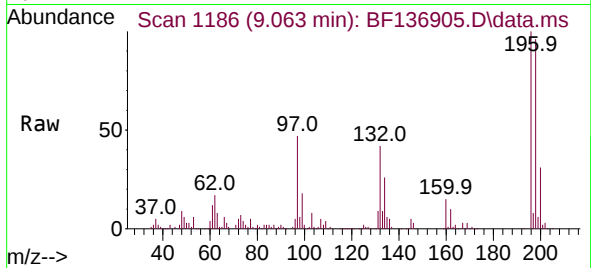
Tgt Ion:330 Resp: 242545
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.0
141 27.5 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 39.635 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

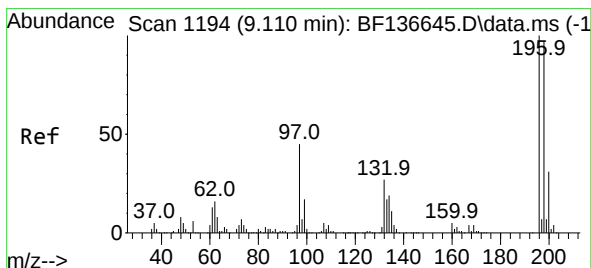
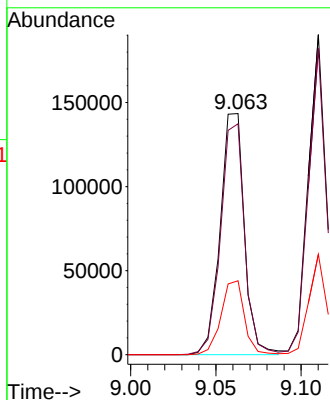
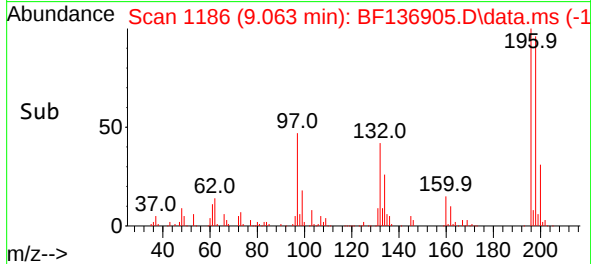
Instrument :
BNA_F
ClientSampleId :
PB157996BS



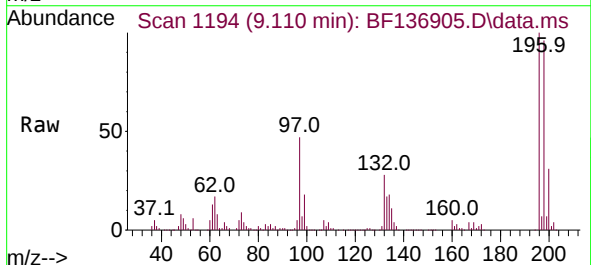
Tgt Ion:196 Resp: 14208
Ion Ratio Lower Upper
196 100
198 95.8 75.1 112.7
200 30.6 22.5 33.7

Manual Integrations
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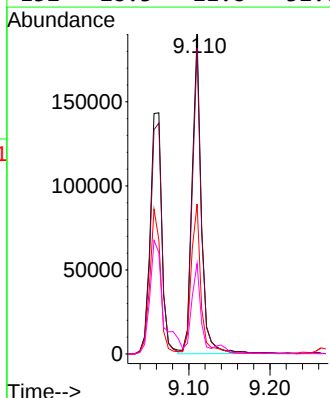
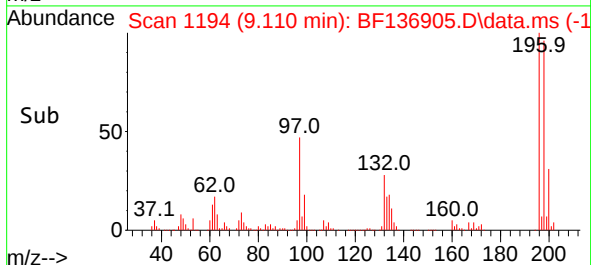
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

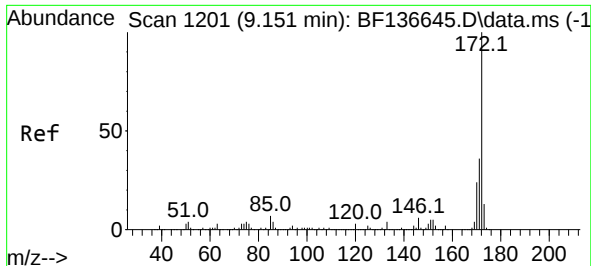


#44
2,4,5-Trichlorophenol
Concen: 37.572 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39



Tgt Ion:196 Resp: 150095
Ion Ratio Lower Upper
196 100
198 95.6 77.0 115.6
97 46.9 36.1 54.1
132 28.3 21.8 32.6





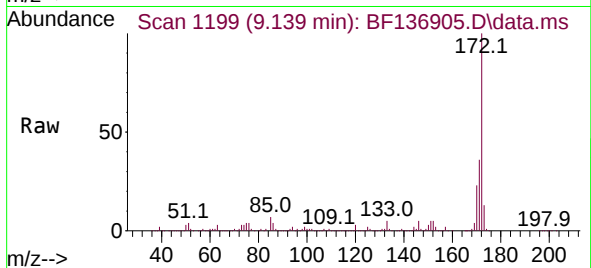
#45
2-Fluorobiphenyl
Concen: 72.353 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Instrument :

BNA_F

ClientSampleId :

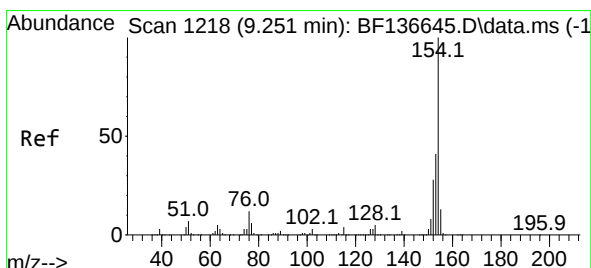
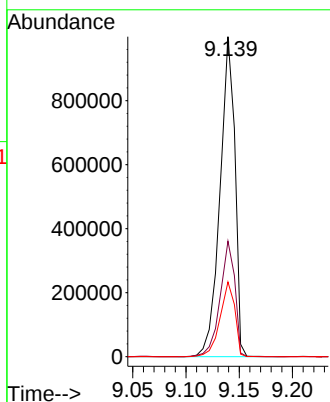
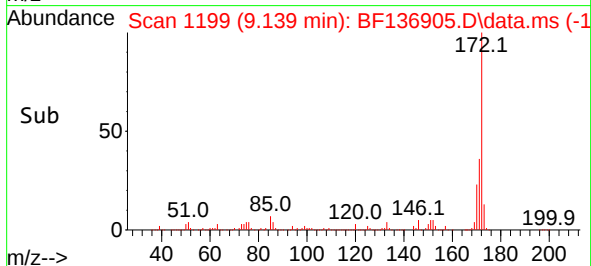
PB157996BS



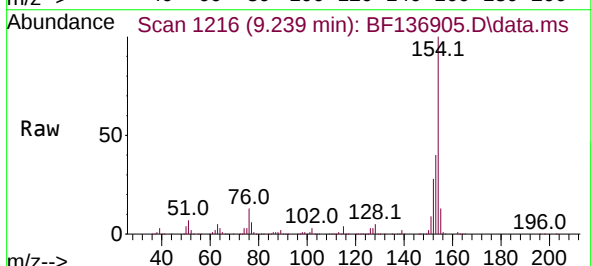
Tgt Ion:172 Resp: 97097
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 23.3 19.0 28.4

Manual Integrations
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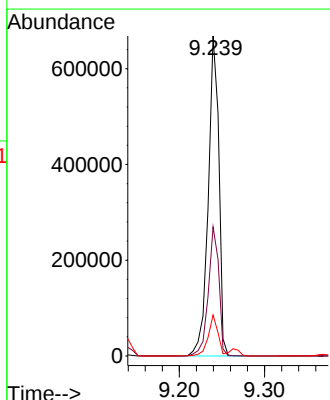
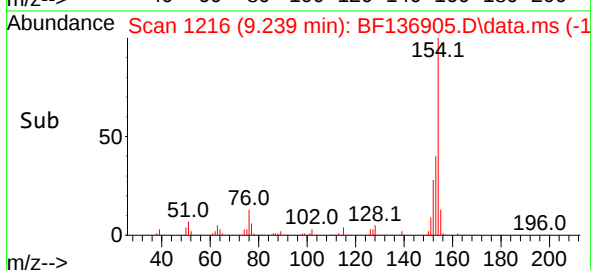
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

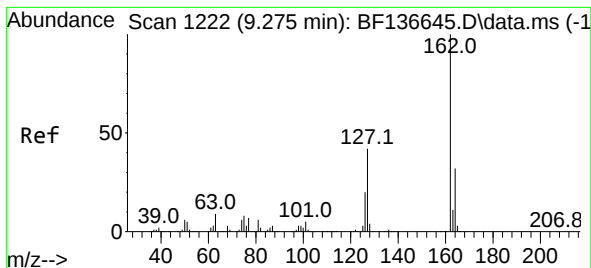


#46
1,1'-Biphenyl
Concen: 38.277 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39



Tgt Ion:154 Resp: 579761
Ion Ratio Lower Upper
154 100
153 40.4 21.1 61.1
76 12.8 0.0 31.7





#47

2-Chloronaphthalene

Concen: 37.202 ng

RT: 9.263 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB157996BS

Tgt Ion:162 Resp: 428369

Ion Ratio Lower Upper

162 100

127 41.5 33.6 50.4

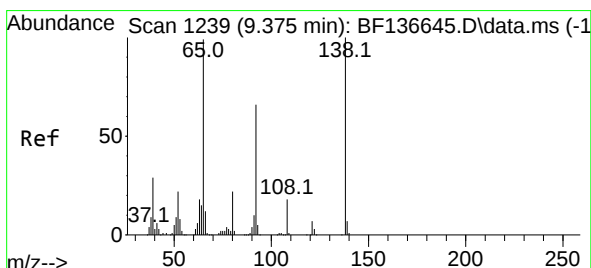
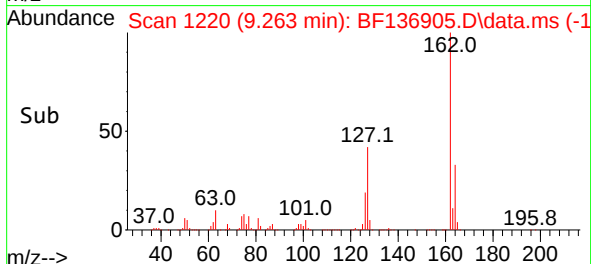
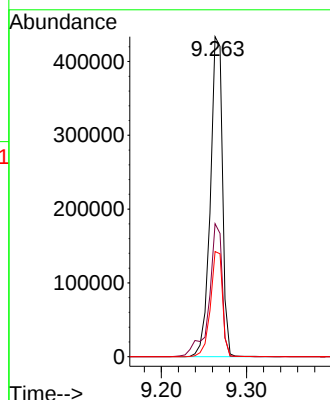
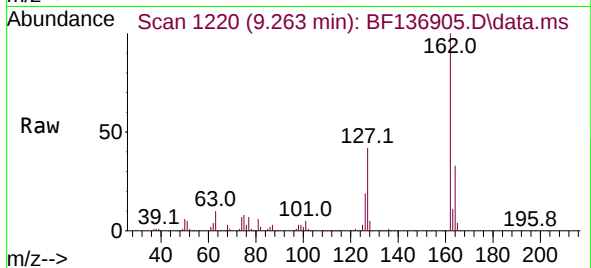
164 32.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#48

2-Nitroaniline

Concen: 38.639 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

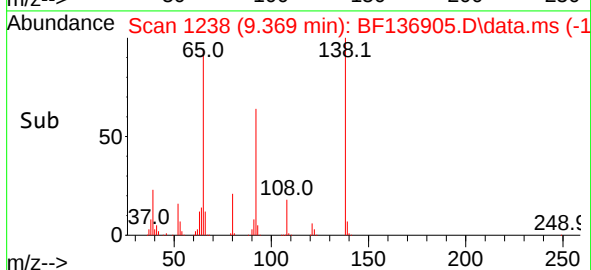
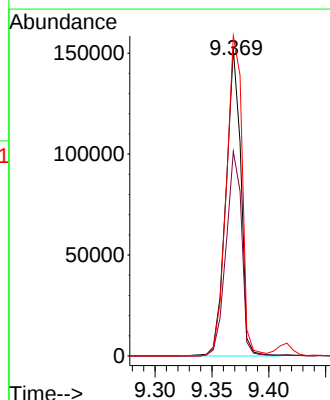
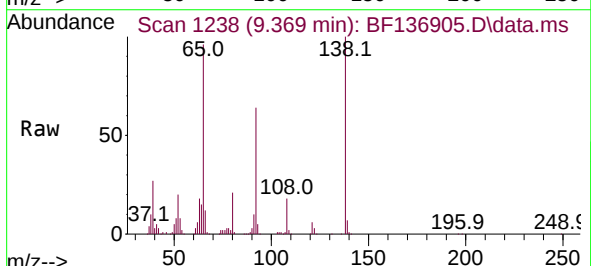
Tgt Ion: 65 Resp: 139323

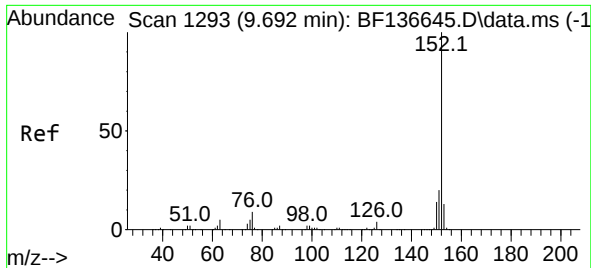
Ion Ratio Lower Upper

65 100

92 66.5 53.2 79.8

138 104.1 81.1 121.7





#49
Acenaphthylene
Concen: 39.128 ng
RT: 9.681 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Instrument :

BNA_F

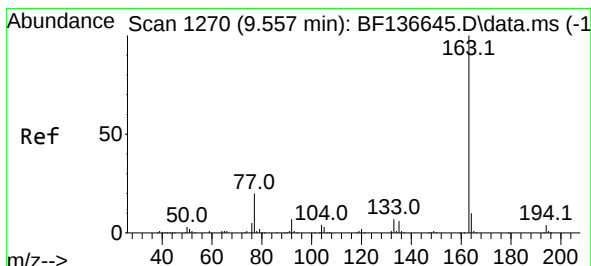
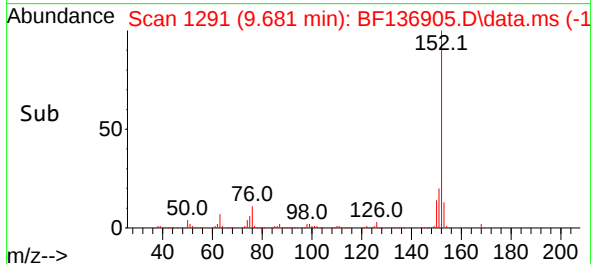
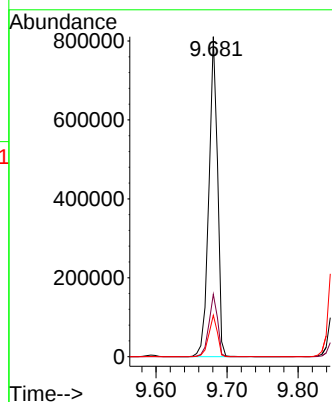
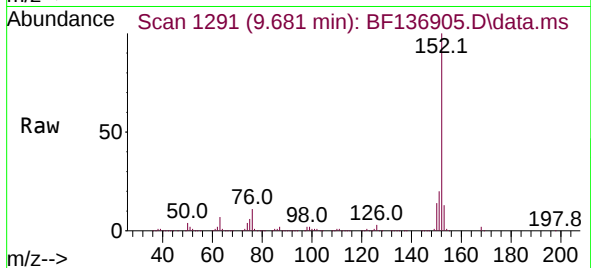
ClientSampleId :

PB157996BS

Tgt Ion:152 Resp: 688652
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.4
153 12.9 10.2 15.2

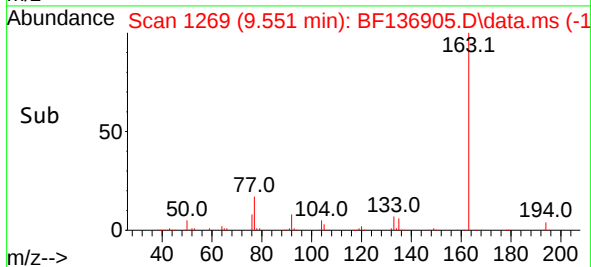
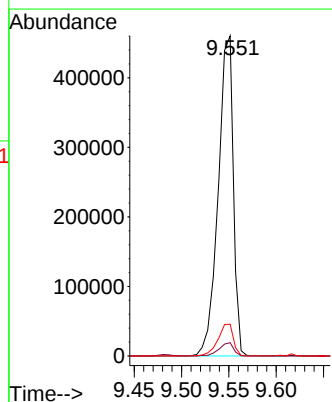
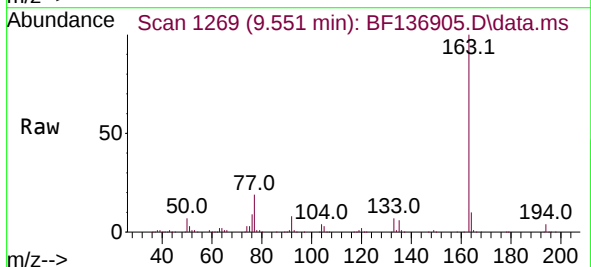
Manual Integrations
APPROVED

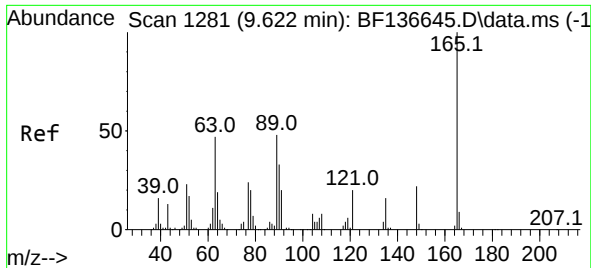
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#50
Dimethylphthalate
Concen: 38.849 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Tgt Ion:163 Resp: 512189
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.9 7.8 11.6





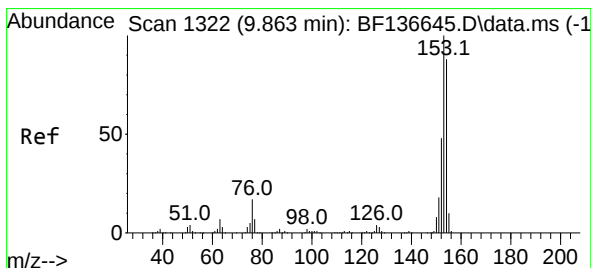
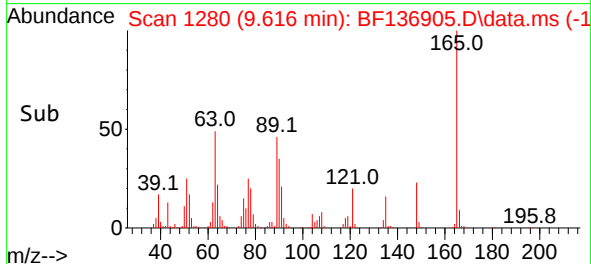
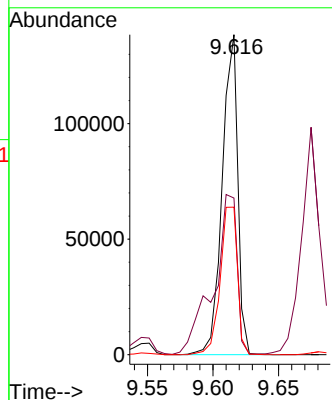
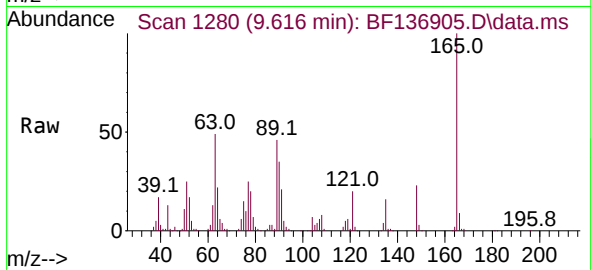
#51
2,6-Dinitrotoluene
Concen: 38.031 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Instrument :
BNA_F
ClientSampleId :
PB157996BS

Tgt Ion:165 Resp: 113792
Ion Ratio Lower Upper
165 100
63 48.9 39.8 59.6
89 46.1 38.8 58.2

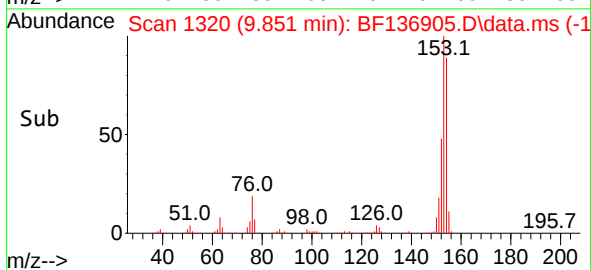
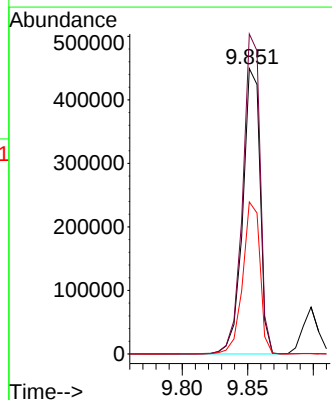
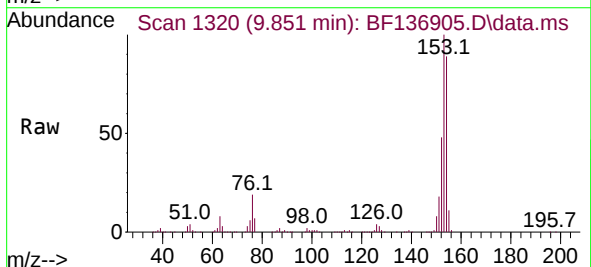
Manual Integrations
APPROVED

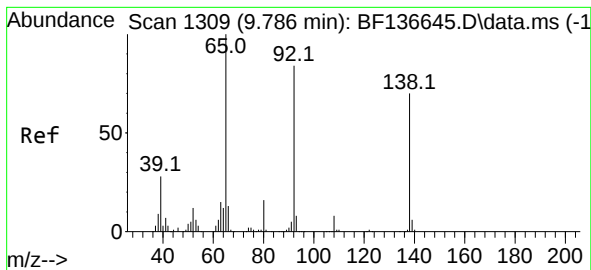
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#52
Acenaphthene
Concen: 38.078 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Tgt Ion:154 Resp: 415422
Ion Ratio Lower Upper
154 100
153 112.1 90.7 136.1
152 53.3 43.7 65.5





#53
3-Nitroaniline
Concen: 29.011 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Instrument :

BNA_F

ClientSampleId :

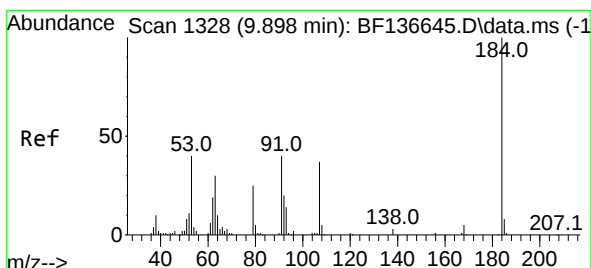
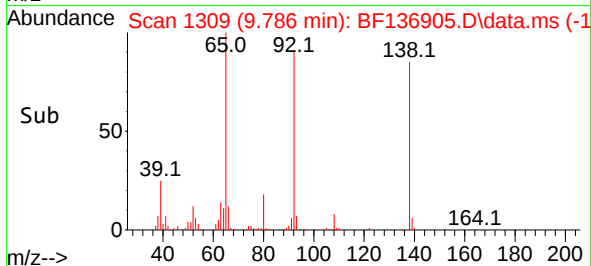
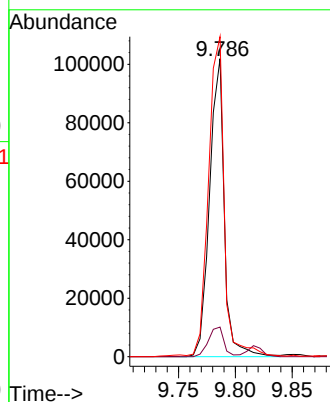
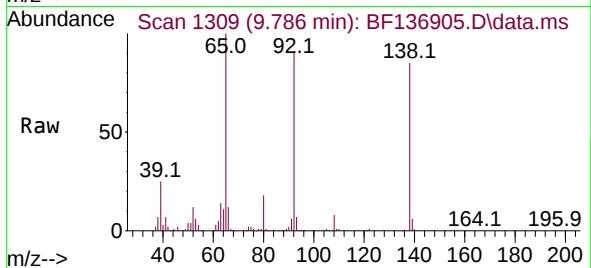
PB157996BS

Tgt Ion:138 Resp: 9195
Ion Ratio Lower Upper
138 100
108 10.0 8.6 12.8
92 107.4 95.2 142.8

Manual Integrations

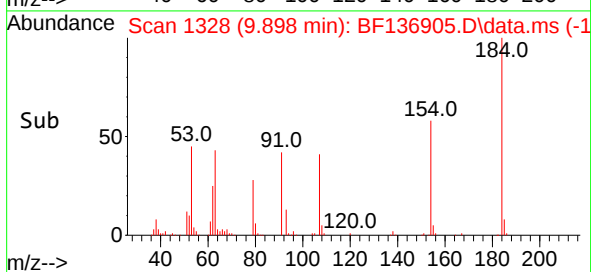
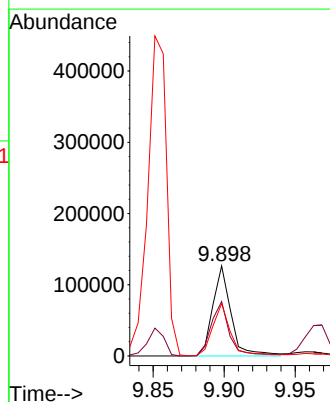
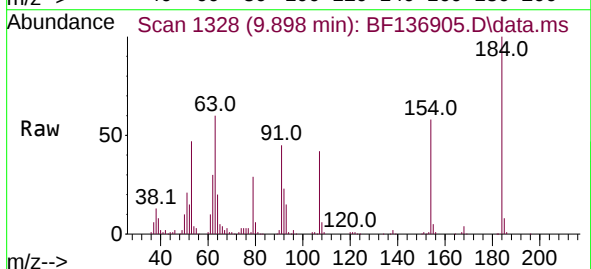
APPROVED

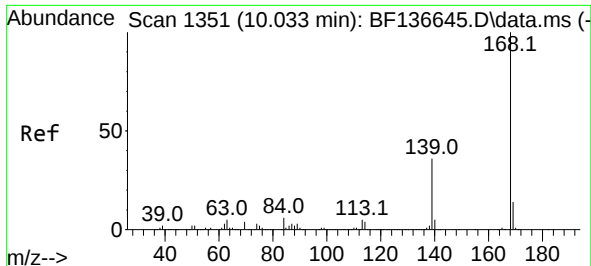
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#54
2,4-Dinitrophenol
Concen: 68.515 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

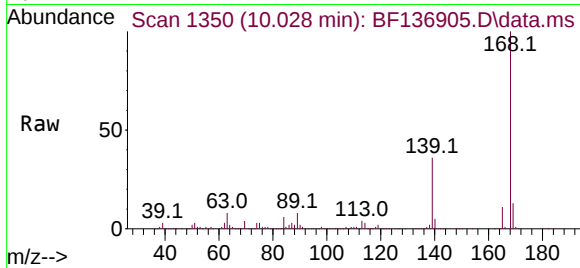
Tgt Ion:184 Resp: 112686
Ion Ratio Lower Upper
184 100
63 60.5 40.9 61.3
154 58.4 42.7 64.1





#55
Dibenzenofuran
Concen: 37.441 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

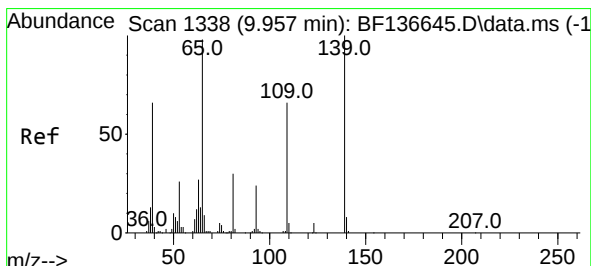
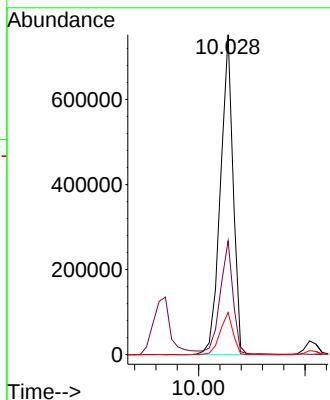
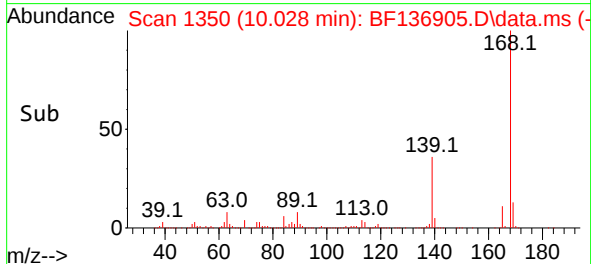
Instrument :
BNA_F
ClientSampleId :
PB157996BS



Tgt Ion:168 Resp: 619184
Ion Ratio Lower Upper
168 100
139 35.6 29.3 43.9
169 13.2 11.0 16.4

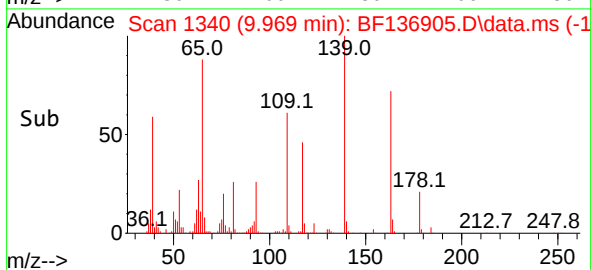
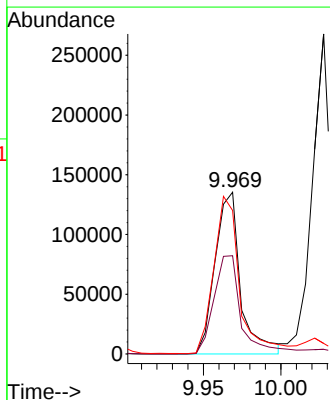
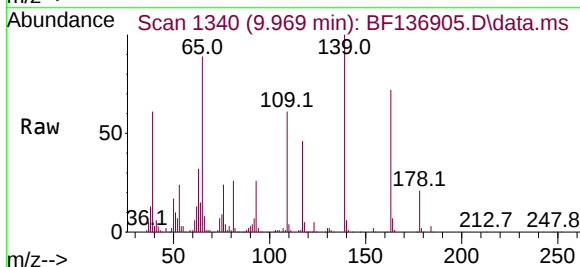
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#56
4-Nitrophenol
Concen: 72.323 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Tgt Ion:139 Resp: 154746
Ion Ratio Lower Upper
139 100
109 60.7 45.8 85.8
65 88.7 77.8 117.8





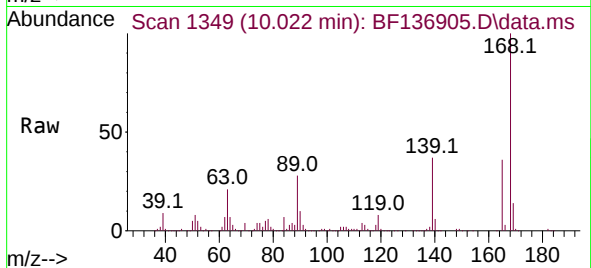
#57
2,4-Dinitrotoluene
Concen: 36.965 ng
RT: 10.022 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB157996BS



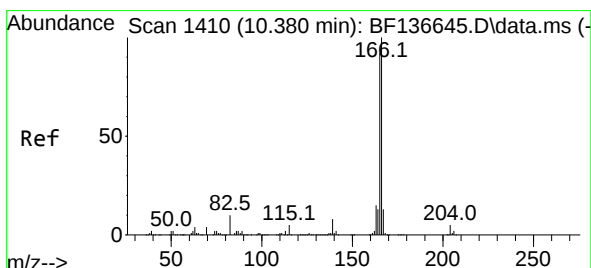
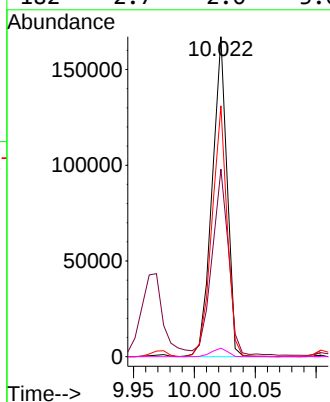
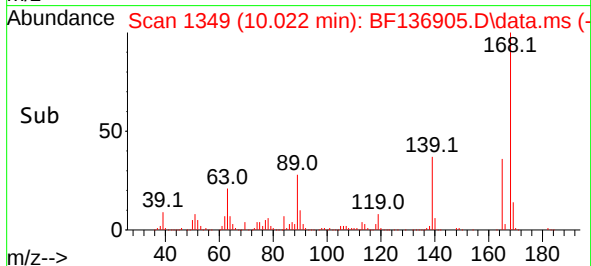
Tgt Ion:165 Resp: 143580
Ion Ratio Lower Upper
165 100
63 58.6 41.0 61.6
89 78.4 59.9 89.9
182 2.7 2.0 3.0

Manual Integrations

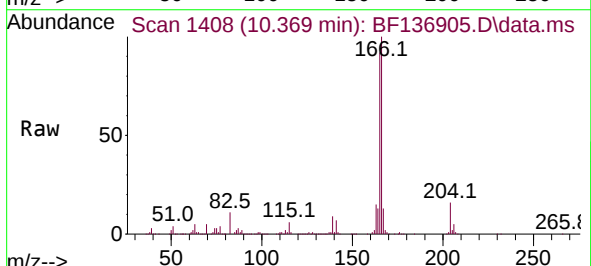
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

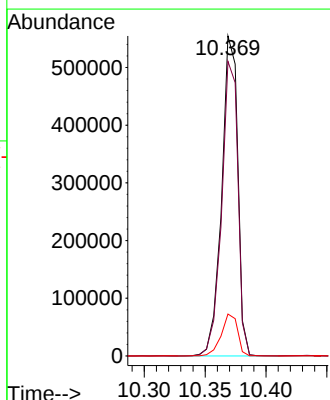
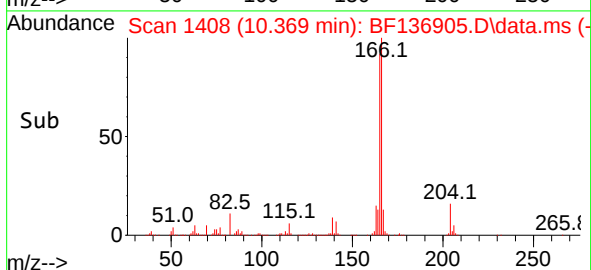
Supervised By :mohammad ahmed 01/04/2024



#58
Fluorene
Concen: 39.021 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39



Tgt Ion:166 Resp: 512035
Ion Ratio Lower Upper
166 100
165 92.1 73.7 110.5
167 13.1 10.4 15.6





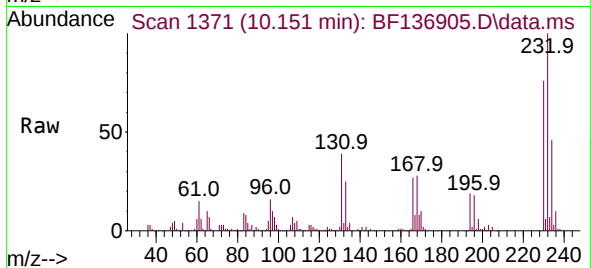
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.352 ng
RT: 10.151 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB157996BS

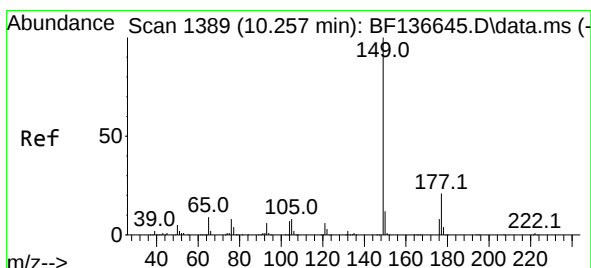
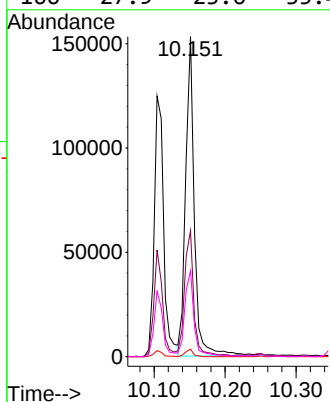
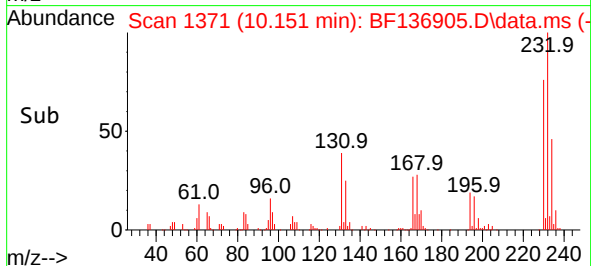


Tgt Ion:232 Resp: 130239
Ion Ratio Lower Upper
232 100
131 41.5 35.1 52.7
130 2.1 1.6 2.4
166 27.9 23.6 35.4

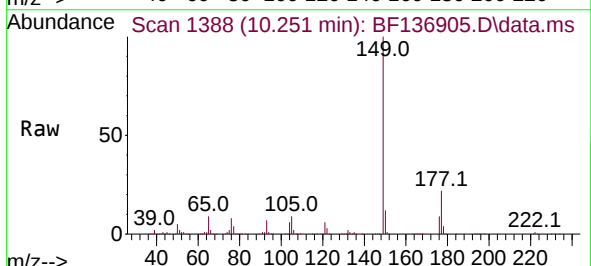
Manual Integrations

APPROVED

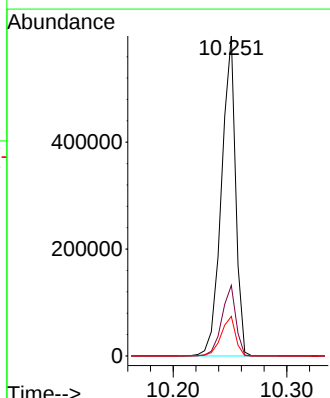
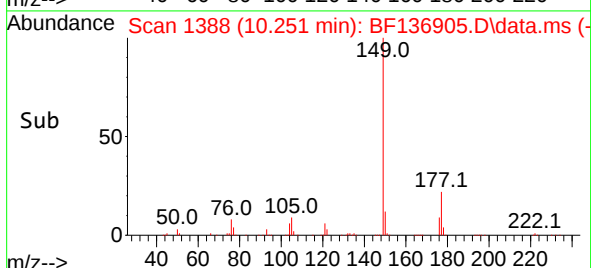
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

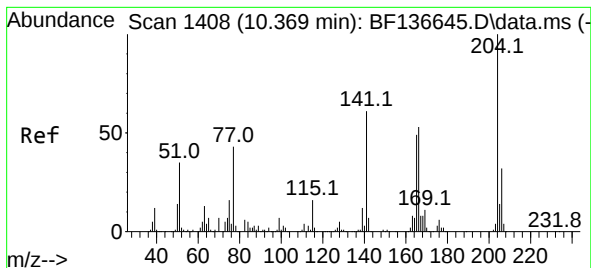


#60
Diethylphthalate
Concen: 37.932 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39



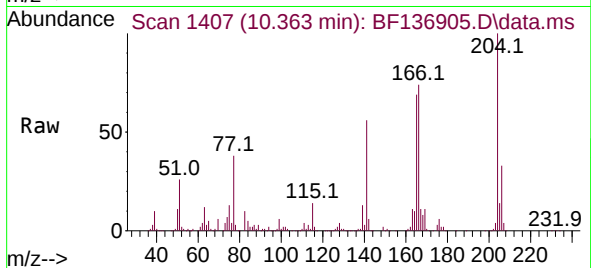
Tgt Ion:149 Resp: 518881
Ion Ratio Lower Upper
149 100
177 22.1 16.9 25.3
150 12.4 9.3 13.9





#61
4-Chlorophenyl-phenylether
Concen: 37.881 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

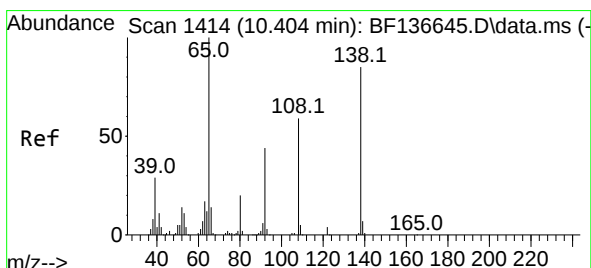
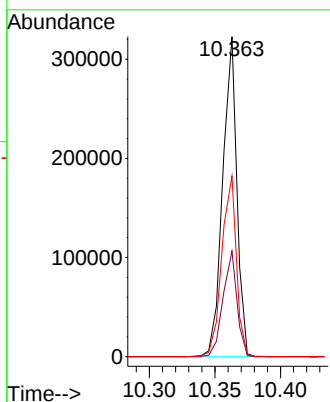
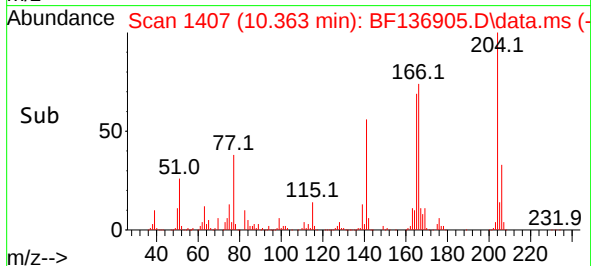
Instrument :
BNA_F
ClientSampleId :
PB157996BS



Tgt Ion:204 Resp: 241611
Ion Ratio Lower Upper
204 100
206 32.9 25.6 38.4
141 56.4 48.4 72.6

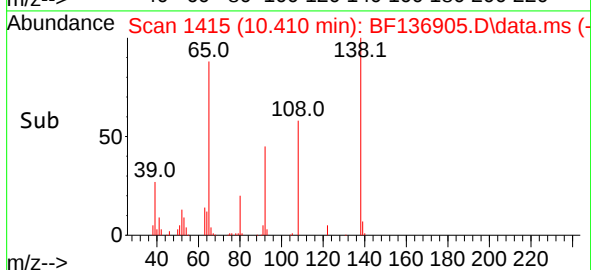
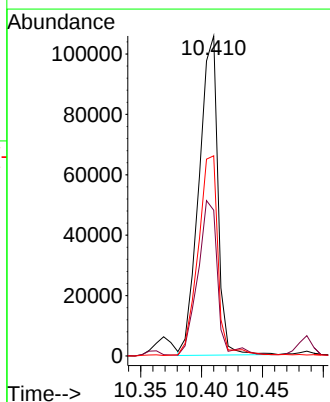
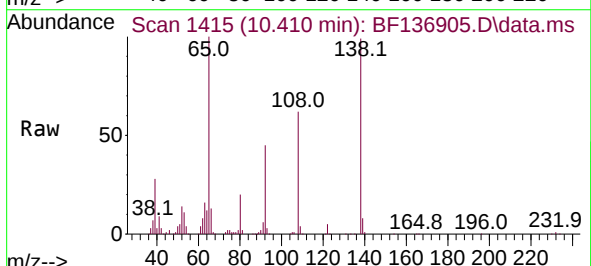
Manual Integrations
APPROVED

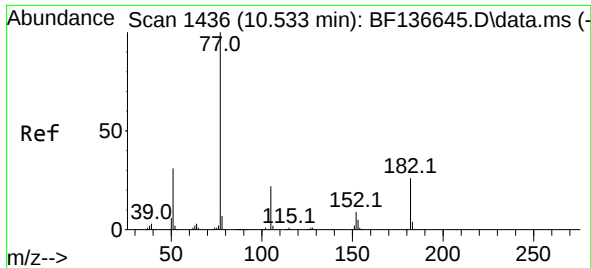
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#62
4-Nitroaniline
Concen: 37.491 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

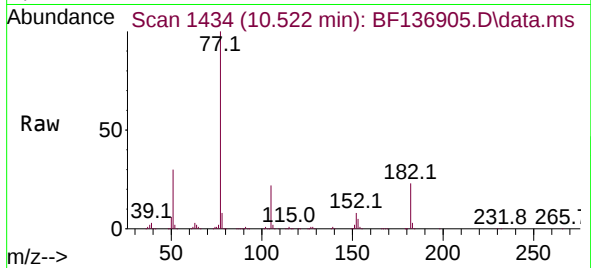
Tgt Ion:138 Resp: 114556
Ion Ratio Lower Upper
138 100
92 45.6 32.1 72.1
108 62.6 50.1 90.1





#63
Azobenzene
Concen: 38.062 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

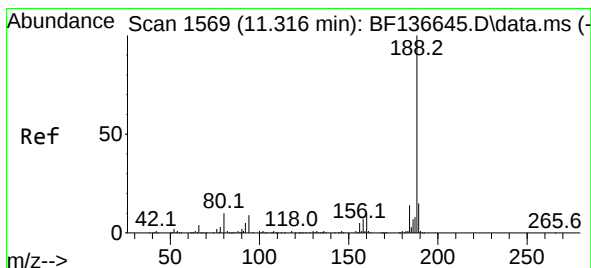
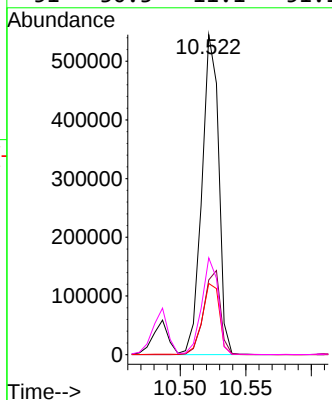
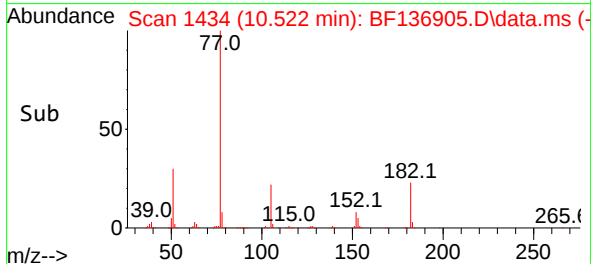
Instrument :
BNA_F
ClientSampleId :
PB157996BS



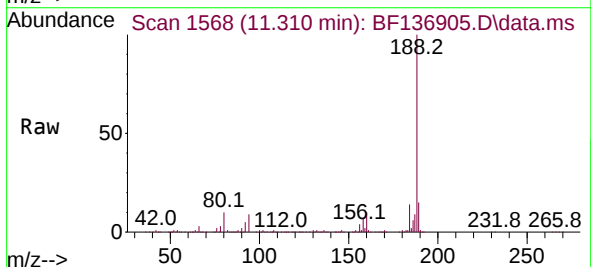
Tgt Ion: 77 Resp: 486300
Ion Ratio Lower Upper
77 100
182 23.3 6.0 46.0
105 22.2 2.3 42.3
51 30.3 11.1 51.1

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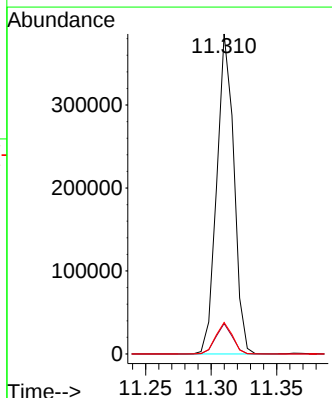
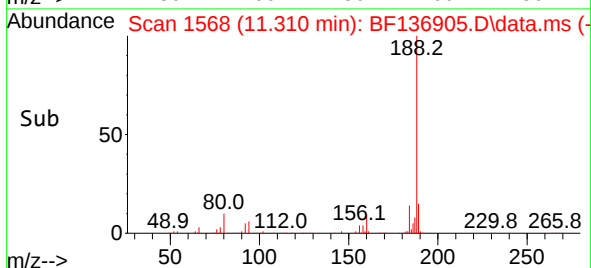
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

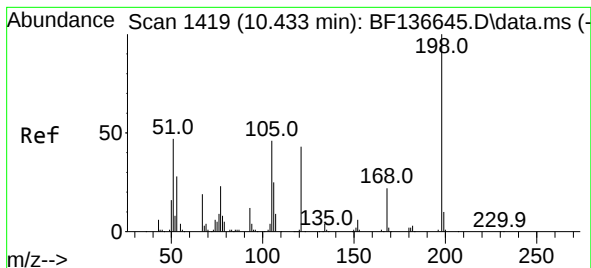


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39



Tgt Ion:188 Resp: 349649
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 9.9 8.1 12.1





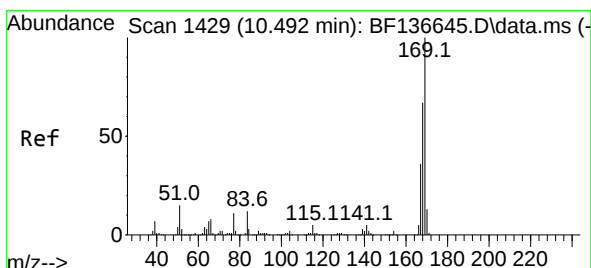
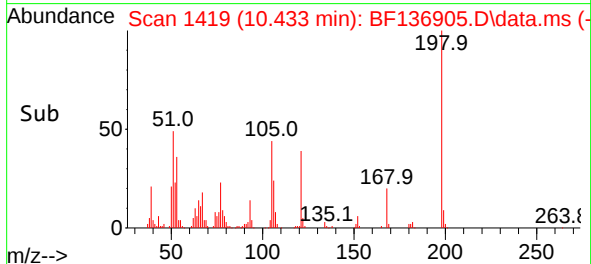
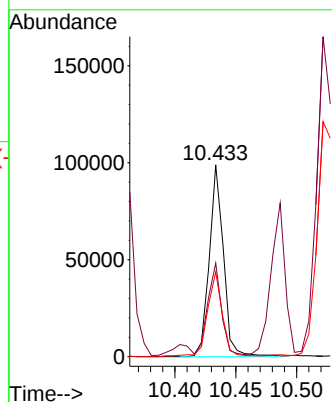
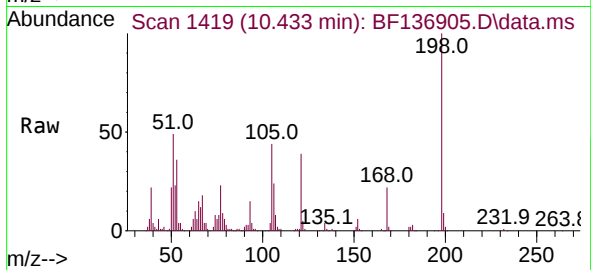
#65
4,6-Dinitro-2-methylphenol
Concen: 40.094 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Instrument :
BNA_F
ClientSampleId :
PB157996BS

Tgt Ion:198 Resp: 8034
Ion Ratio Lower Upper
198 100
51 48.8 34.1 74.1
105 44.2 27.3 67.3

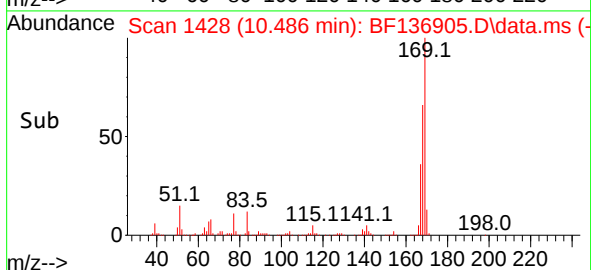
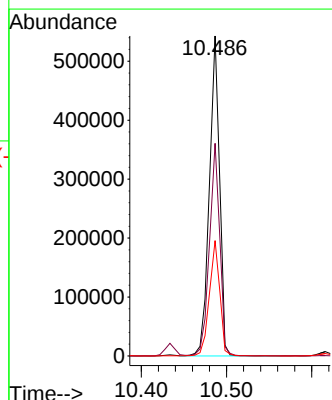
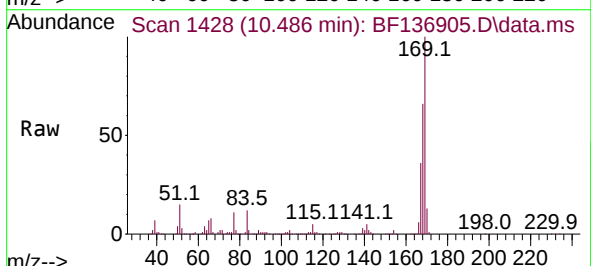
Manual Integrations
APPROVED

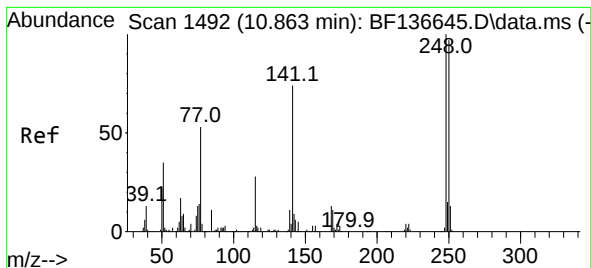
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#66
n-Nitrosodiphenylamine
Concen: 39.860 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

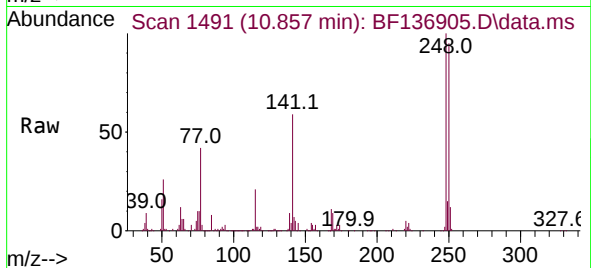
Tgt Ion:169 Resp: 452741
Ion Ratio Lower Upper
169 100
168 66.4 53.8 80.6
167 36.1 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 38.579 ng
RT: 10.857 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

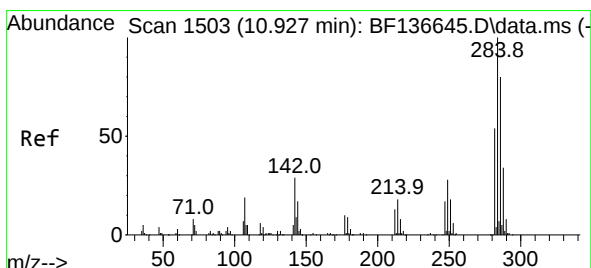
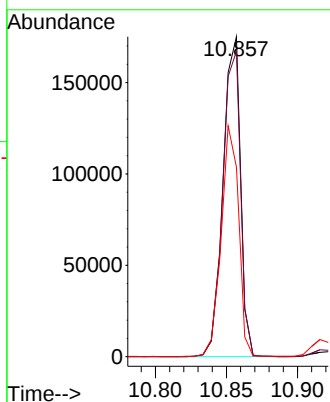
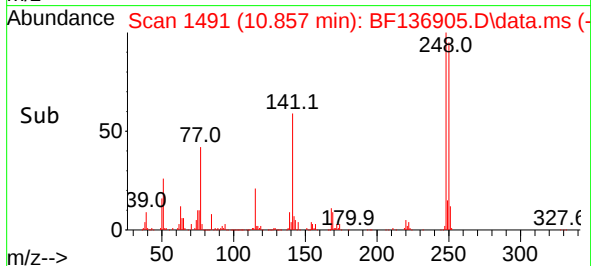
Instrument :
BNA_F
ClientSampleId :
PB157996BS



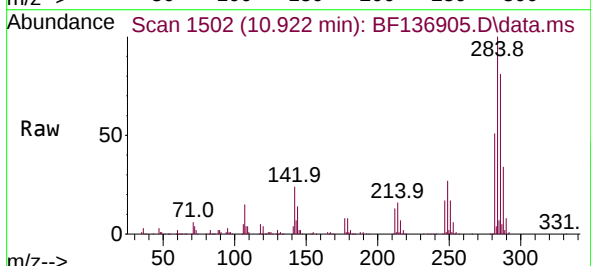
Tgt Ion:248 Resp: 149800
Ion Ratio Lower Upper
248 100
250 95.5 77.8 116.6
141 59.3 59.2 88.8

Manual Integrations
APPROVED

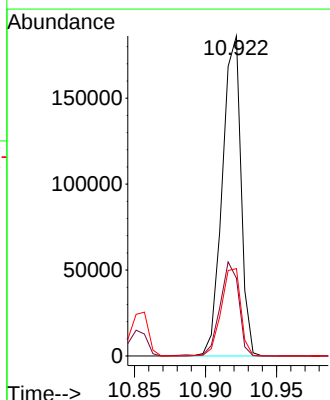
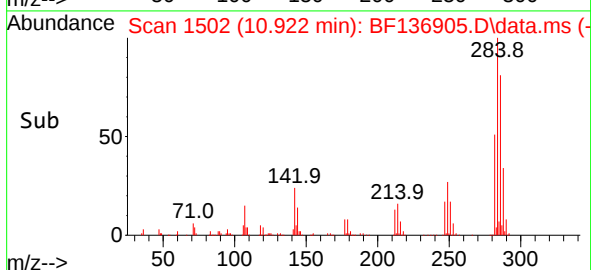
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

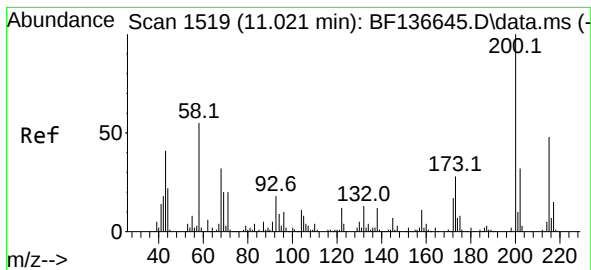


#68
Hexachlorobenzene
Concen: 39.213 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39



Tgt Ion:284 Resp: 169690
Ion Ratio Lower Upper
284 100
142 24.3 23.4 35.0
249 27.3 22.3 33.5





#69

Atrazine

Concen: 71.311 ng

RT: 11.022 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB157996BS

Tgt Ion:200 Resp: 20716

Ion Ratio Lower Upper

200 100

173 29.0 7.6 47.6

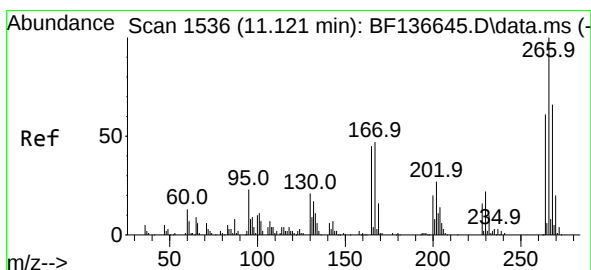
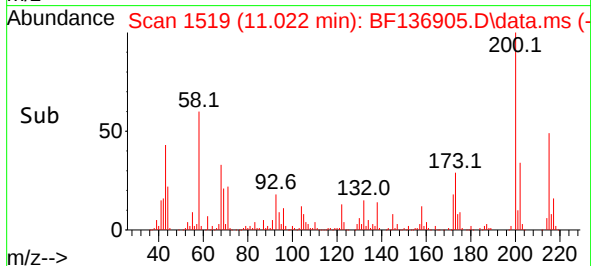
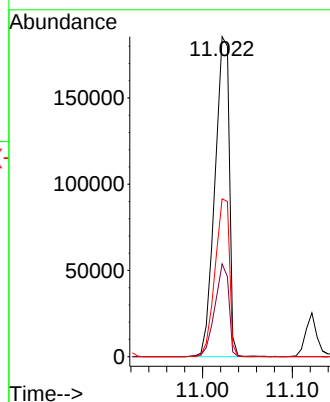
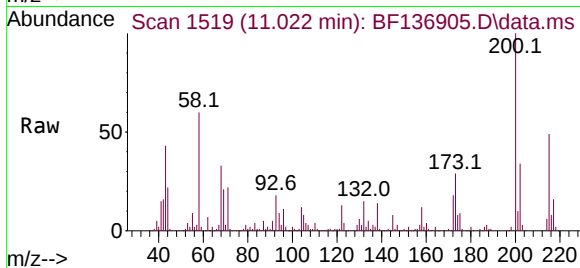
215 49.4 28.3 68.3

Manual Integrations

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Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#70

Pentachlorophenol

Concen: 66.563 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

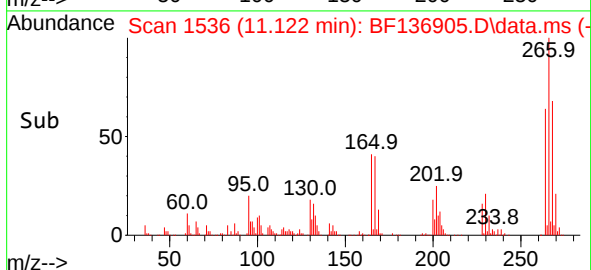
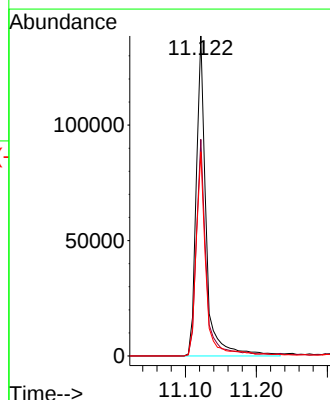
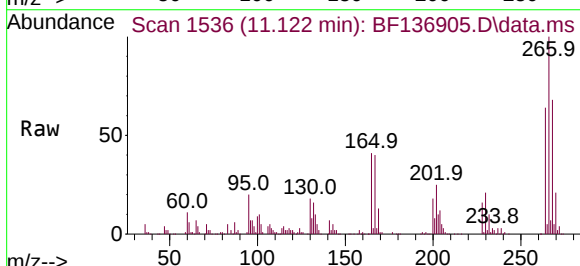
Tgt Ion:266 Resp: 134261

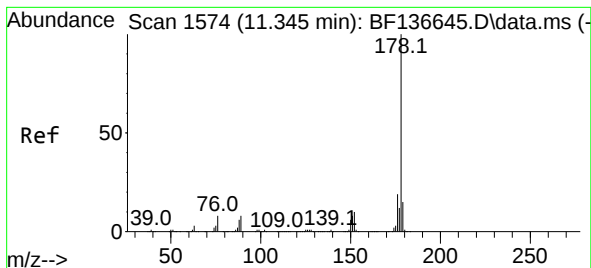
Ion Ratio Lower Upper

266 100

268 67.7 52.6 78.8

264 63.8 49.0 73.4





#71

Phenanthrene

Concen: 40.522 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB157996BS

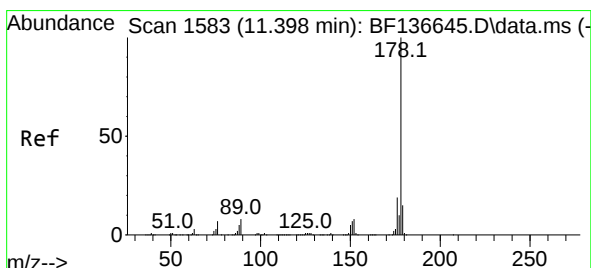
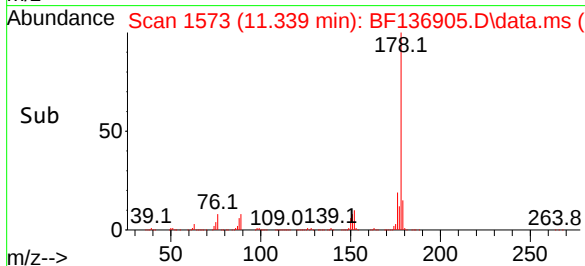
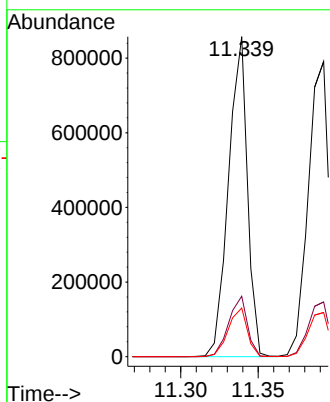
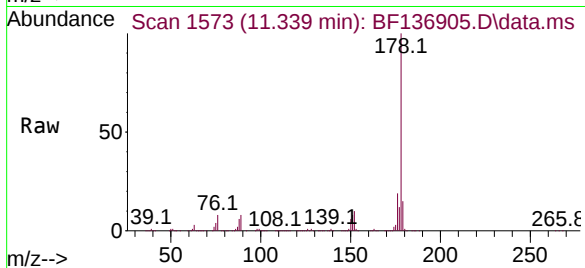
Tgt Ion:178 Resp: 726995
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.3 22.9
 179 15.2 11.9 17.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#72

Anthracene

Concen: 40.802 ng

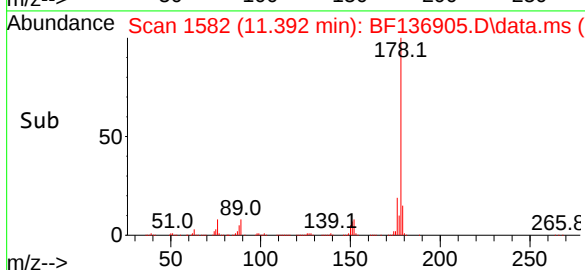
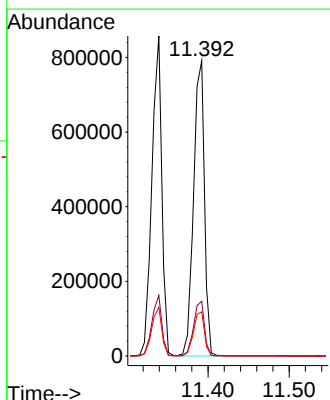
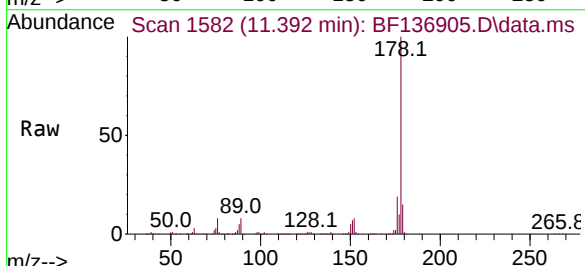
RT: 11.392 min Scan# 1582

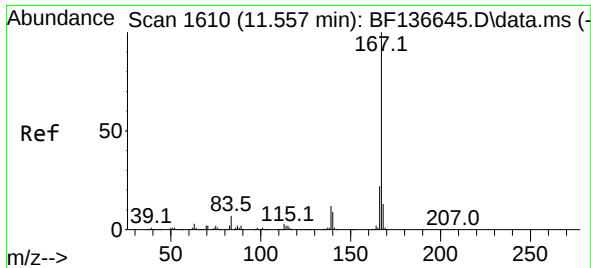
Delta R.T. -0.006 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

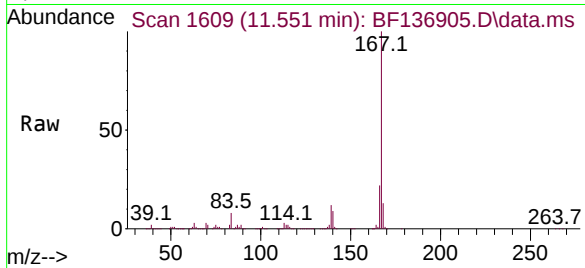
Tgt Ion:178 Resp: 741344
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.9 22.3
 179 14.9 11.8 17.6





#73
 Carbazole
 Concen: 39.848 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF136905.D
 Acq: 03 Jan 2024 13:39

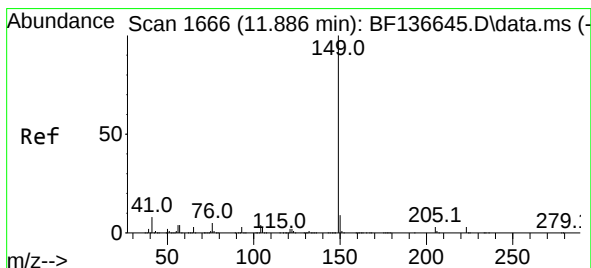
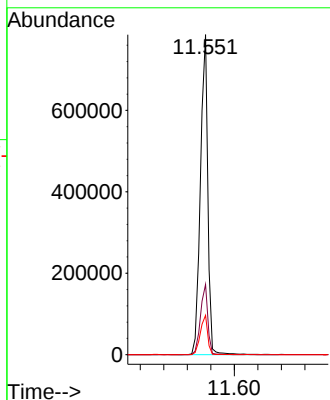
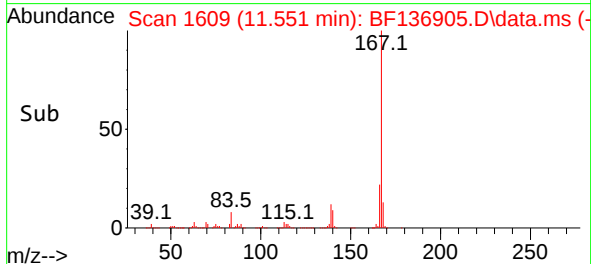
Instrument :
 BNA_F
 ClientSampleId :
 PB157996BS



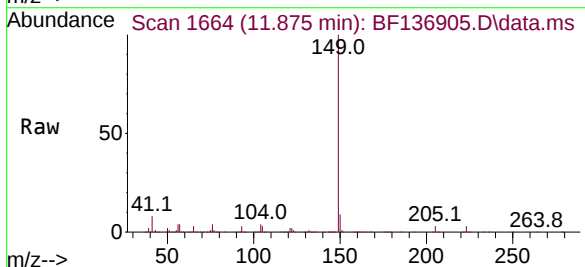
Tgt Ion:167 Resp: 682604
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.3 25.9
 139 12.3 9.8 14.6

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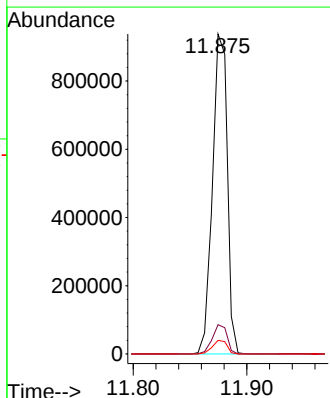
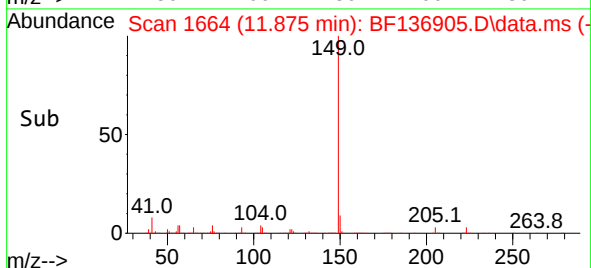
Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/04/2024

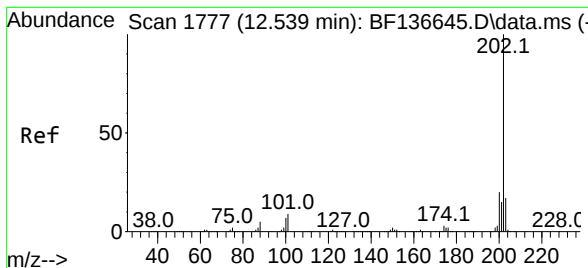


#74
 Di-n-butylphthalate
 Concen: 40.624 ng
 RT: 11.875 min Scan# 1664
 Delta R.T. -0.012 min
 Lab File: BF136905.D
 Acq: 03 Jan 2024 13:39



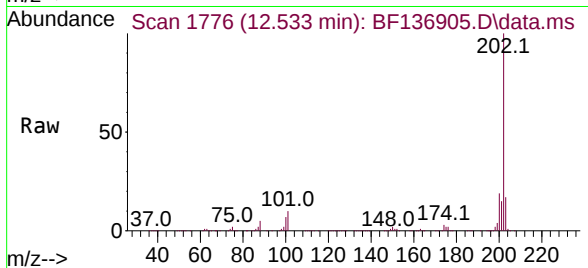
Tgt Ion:149 Resp: 849165
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.3 3.6 5.4





#75
Fluoranthene
Concen: 40.012 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

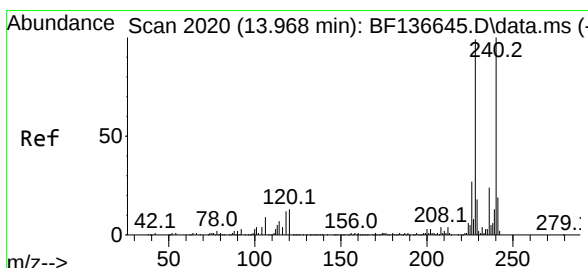
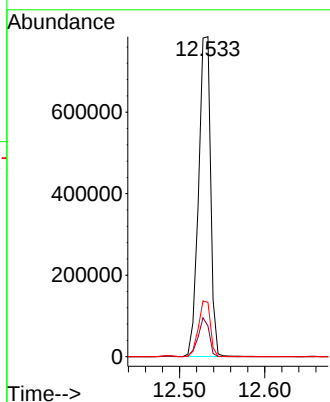
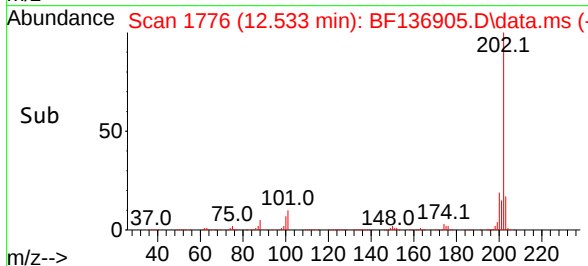
Instrument :
BNA_F
ClientSampleId :
PB157996BS



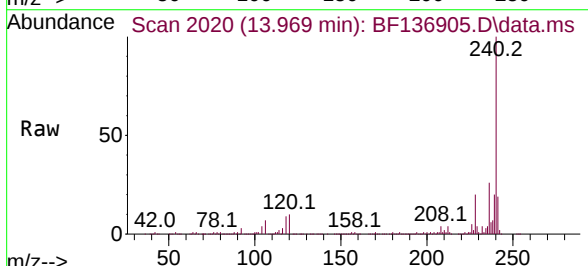
Tgt Ion:202 Resp: 76785
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.3
203 17.0 0.0 37.1

Manual Integrations
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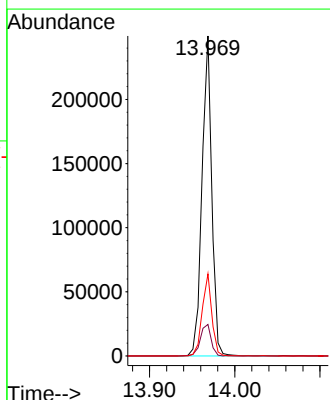
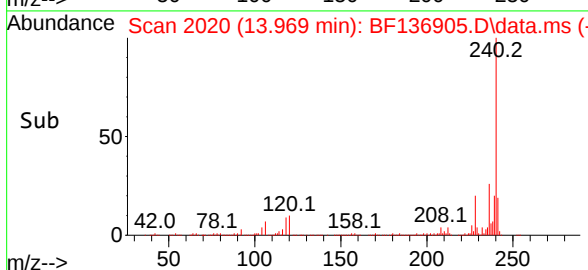
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39



Tgt Ion:240 Resp: 198488
Ion Ratio Lower Upper
240 100
120 9.8 10.3 15.5#
236 25.6 19.4 29.2





#77

Benzidine

Concen: 31.398 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB157996BS

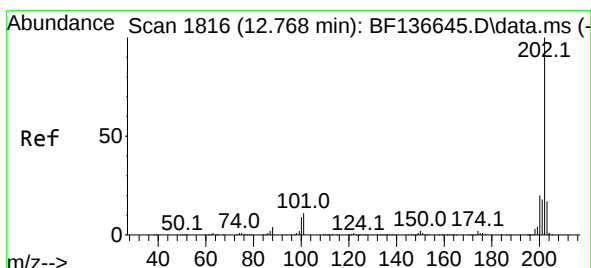
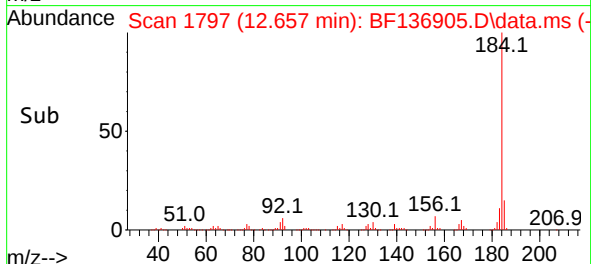
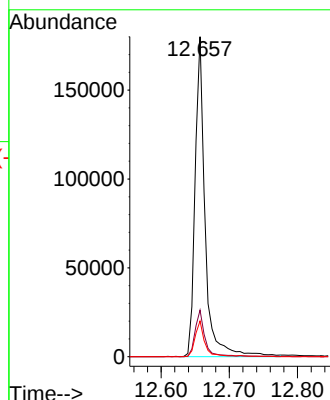
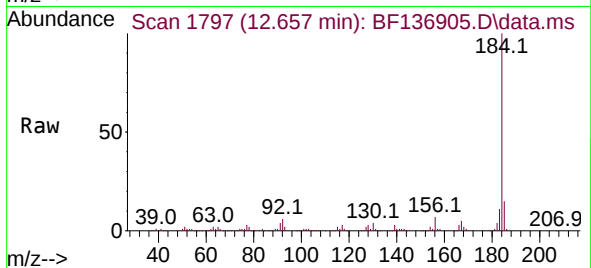
Tgt Ion:184	Resp: 18375
Ion Ratio	Lower Upper
184	100
185	14.5 11.2 16.8
183	11.1 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#78

Pyrene

Concen: 39.216 ng

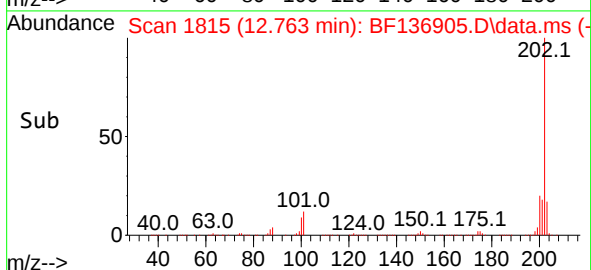
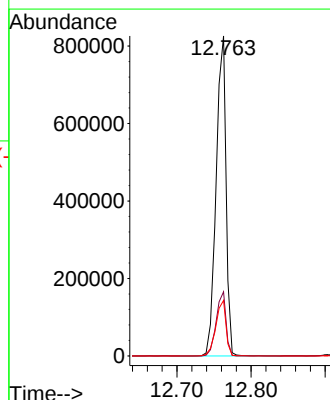
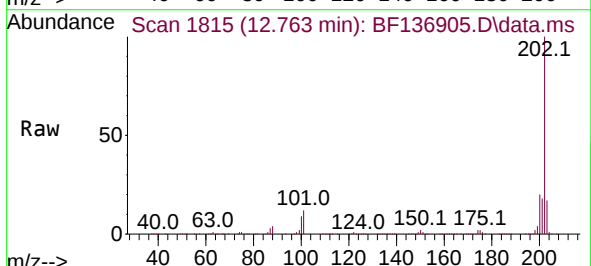
RT: 12.763 min Scan# 1815

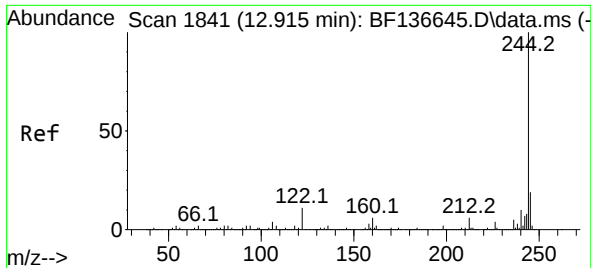
Delta R.T. -0.006 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Tgt Ion:202	Resp: 764124
Ion Ratio	Lower Upper
202	100
200	20.1 15.9 23.9
203	17.3 13.8 20.6





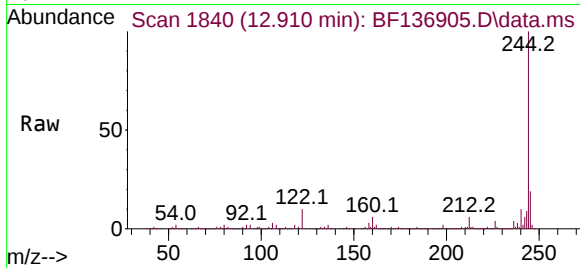
#79
 Terphenyl-d14
 Concen: 77.887 ng
 RT: 12.910 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136905.D
 Acq: 03 Jan 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB157996BS

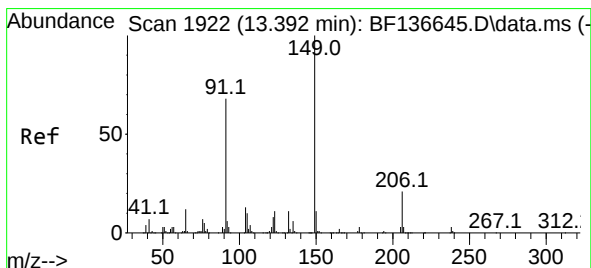
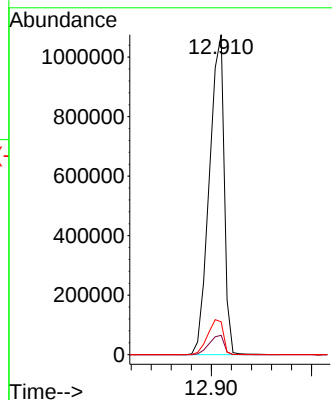
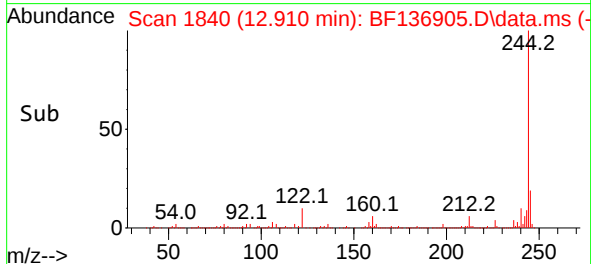


Tgt Ion:244 Resp: 110625
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 10.3 9.0 13.4

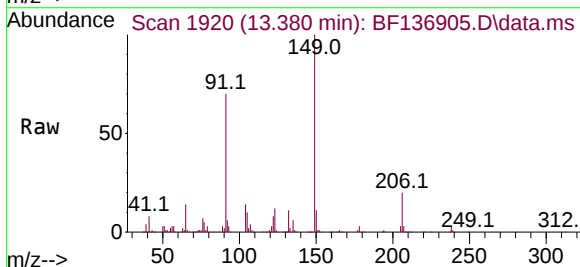
Manual Integrations

APPROVED

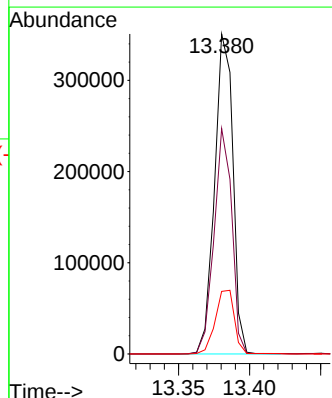
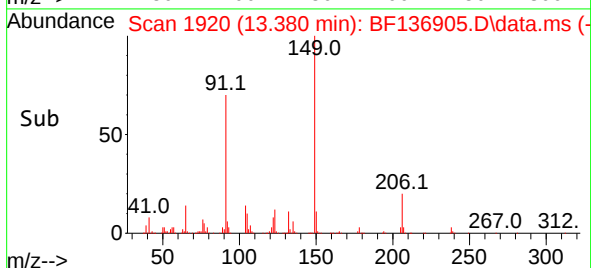
Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/04/2024

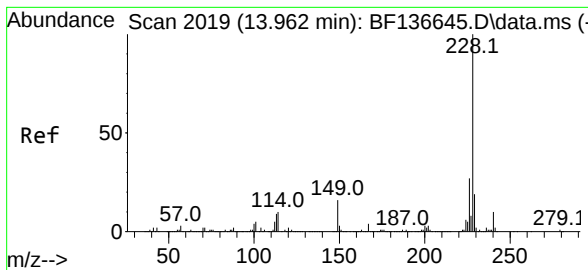


#80
 Butylbenzylphthalate
 Concen: 44.458 ng
 RT: 13.380 min Scan# 1920
 Delta R.T. -0.012 min
 Lab File: BF136905.D
 Acq: 03 Jan 2024 13:39



Tgt Ion:149 Resp: 315204
 Ion Ratio Lower Upper
 149 100
 91 70.5 54.1 81.1
 206 19.6 17.1 25.7





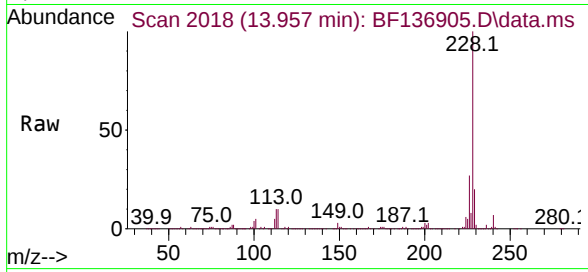
#81
Benzo(a)anthracene
Concen: 40.790 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB157996BS



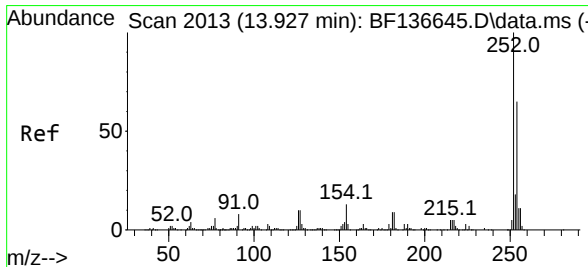
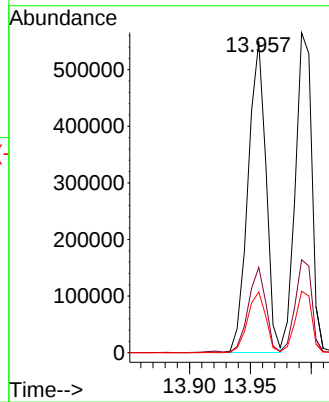
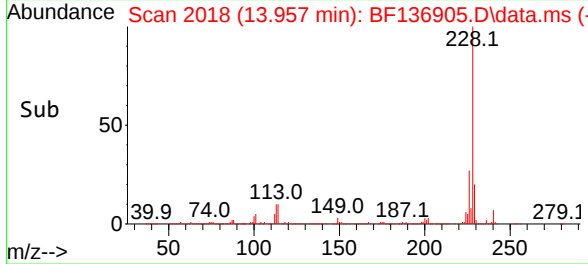
Tgt Ion:228 Resp: 562197
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.0
229 19.5 14.9 22.3

Manual Integrations

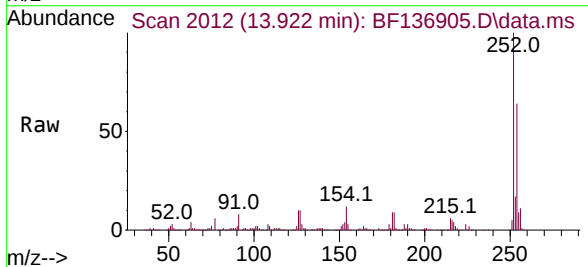
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

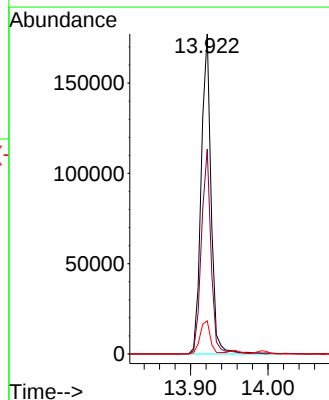
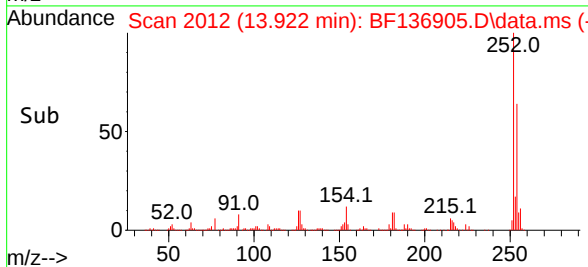
Supervised By :mohammad ahmed 01/04/2024



#82
3,3'-Dichlorobenzidine
Concen: 40.084 ng
RT: 13.922 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39



Tgt Ion:252 Resp: 156897
Ion Ratio Lower Upper
252 100
254 64.0 52.2 78.4
126 10.3 8.0 12.0





#83

Chrysene

Concen: 39.596 ng

RT: 13.992 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB157996BS

Tgt Ion:228 Resp: 53368

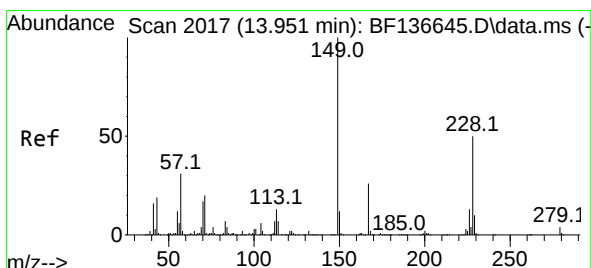
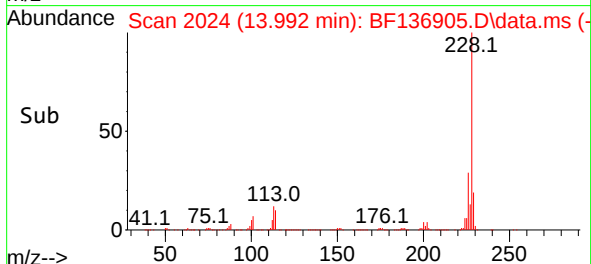
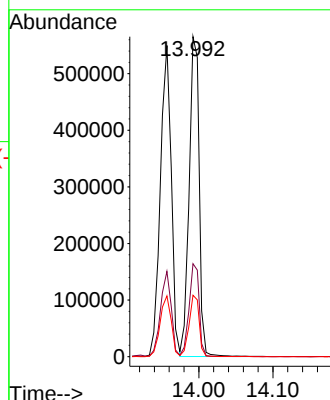
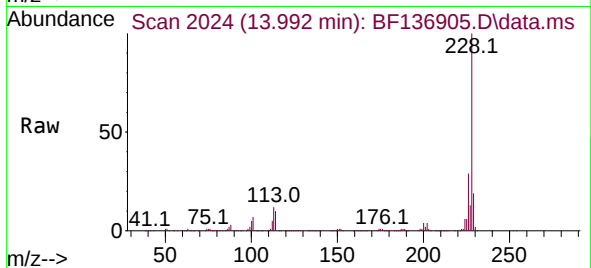
Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.7	37.1
229	19.2	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.209 ng

RT: 13.945 min Scan# 2016

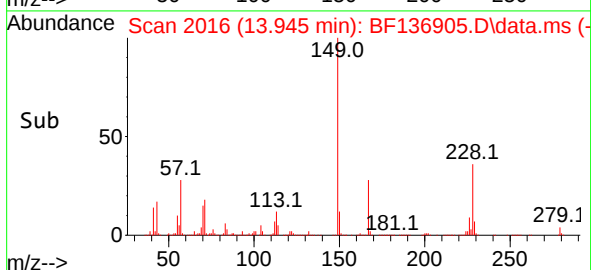
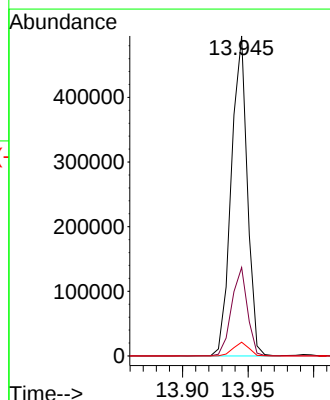
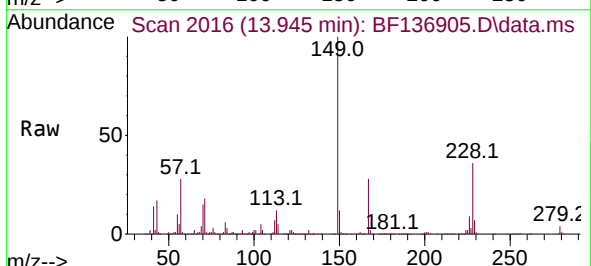
Delta R.T. -0.006 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Tgt Ion:149 Resp: 421126

Ion	Ratio	Lower	Upper
149	100		
167	27.7	20.9	31.3
279	4.3	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 44.593 ng

RT: 14.563 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB157996BS

Tgt Ion:149 Resp: 61532

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

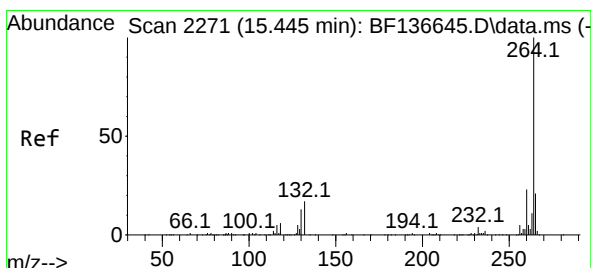
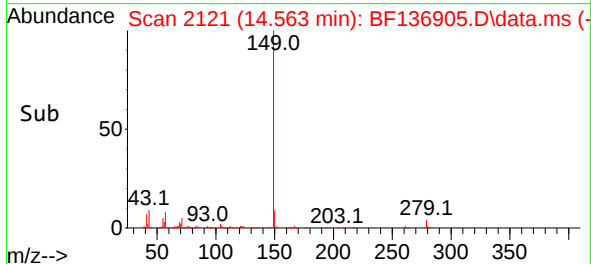
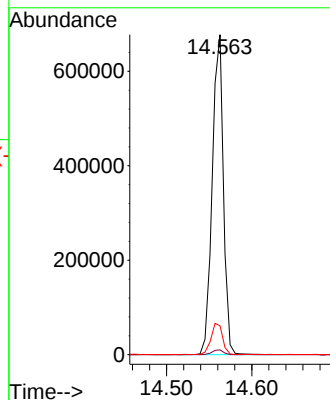
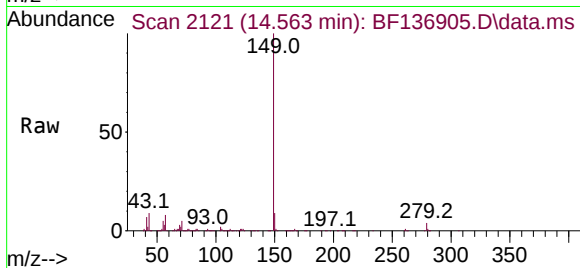
43 10.1 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

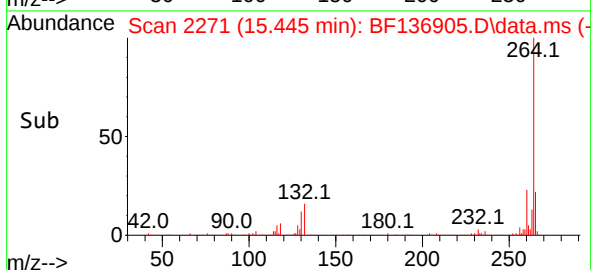
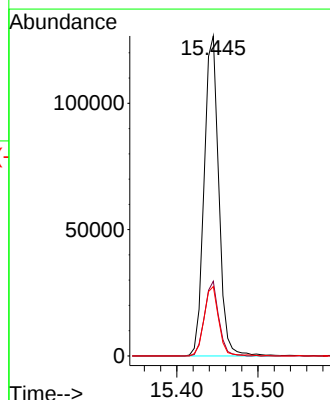
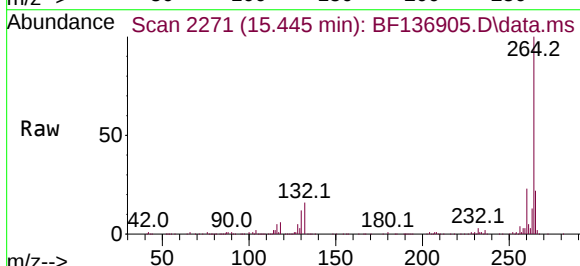
Tgt Ion:264 Resp: 158321

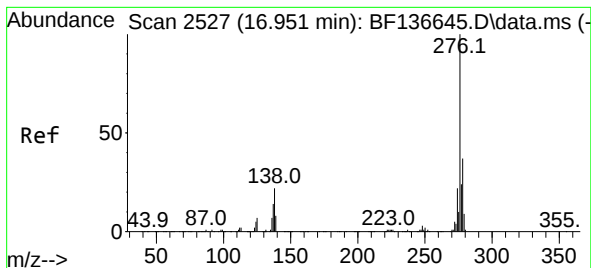
Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 21.7 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.565 ng

RT: 16.957 min Scan# 2197

Delta R.T. 0.006 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB157996BS

Tgt Ion:276 Resp: 47512

Ion Ratio Lower Upper

276 100

138 24.4 18.7 28.1

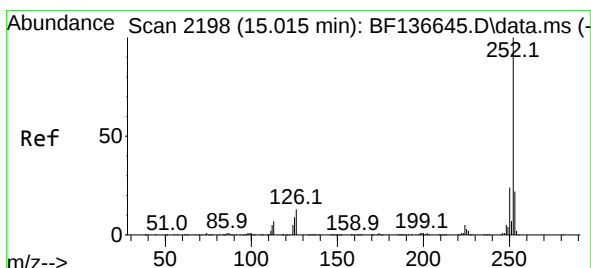
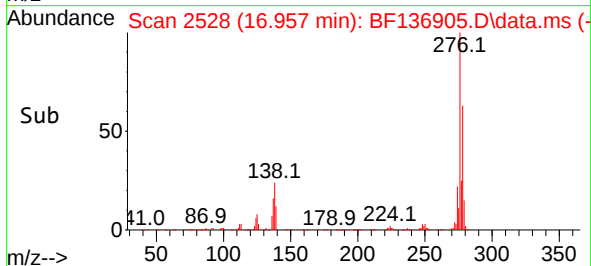
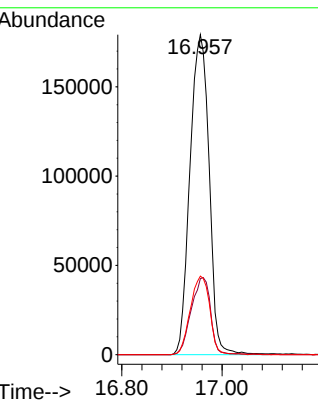
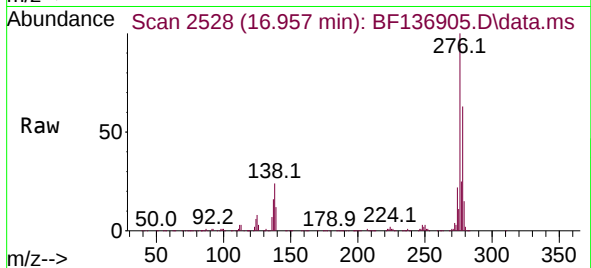
277 24.9 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#88

Benzo(b)fluoranthene

Concen: 43.440 ng

RT: 15.010 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

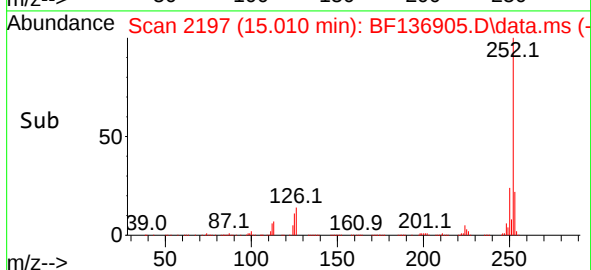
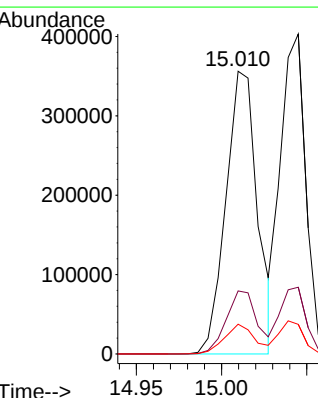
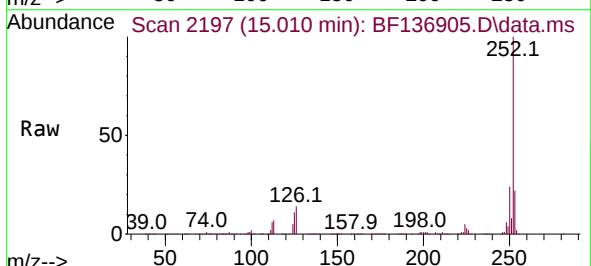
Tgt Ion:252 Resp: 459353

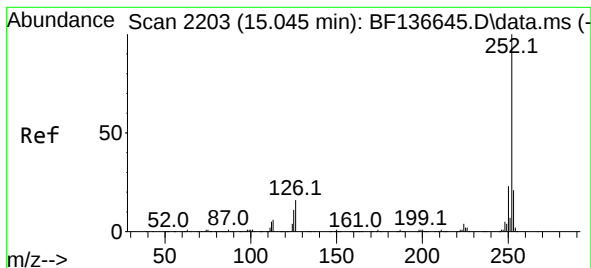
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 10.5 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 41.964 ng

RT: 15.045 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB157996BS

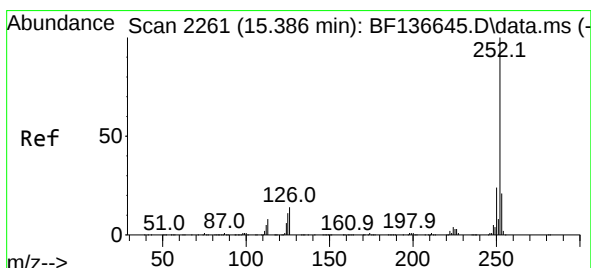
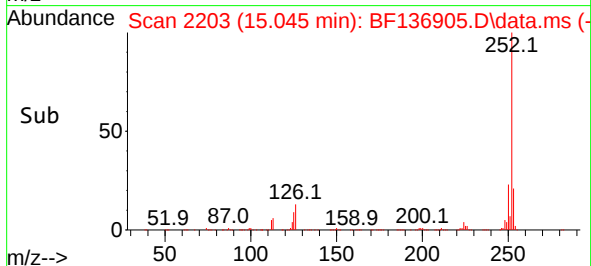
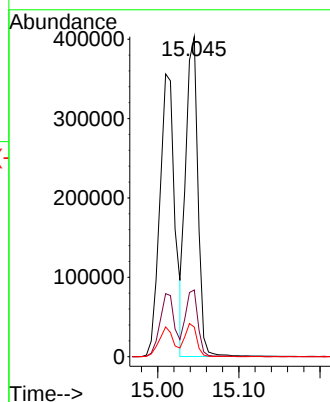
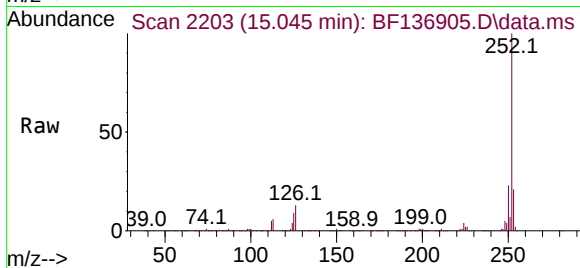
Tgt Ion:252 Resp: 419290
 Ion Ratio Lower Upper
 252 100
 253 20.9 17.0 25.6
 125 9.3 8.2 12.4

Manual Integrations

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Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#90

Benzo(a)pyrene

Concen: 41.516 ng

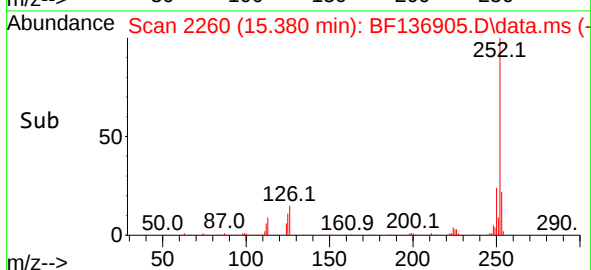
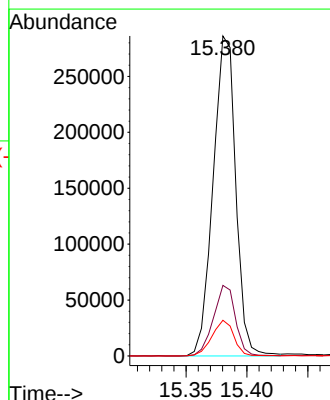
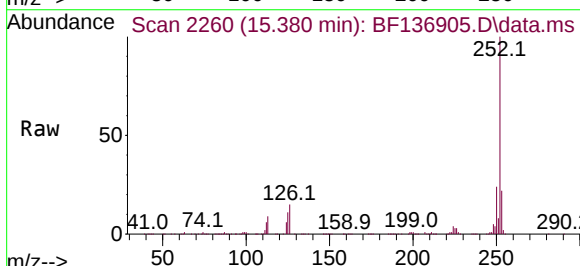
RT: 15.380 min Scan# 2260

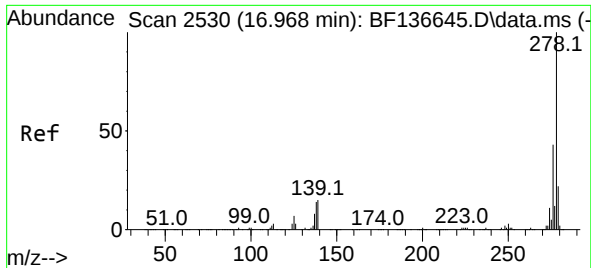
Delta R.T. -0.006 min

Lab File: BF136905.D

Acq: 03 Jan 2024 13:39

Tgt Ion:252 Resp: 370568
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.0 25.6
 125 11.2 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 42.522 ng
RT: 16.974 min Scan# 2531
Delta R.T. 0.006 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Instrument :

BNA_F

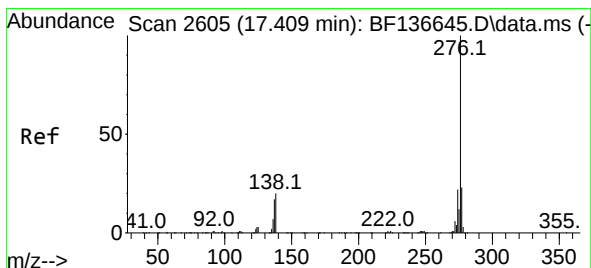
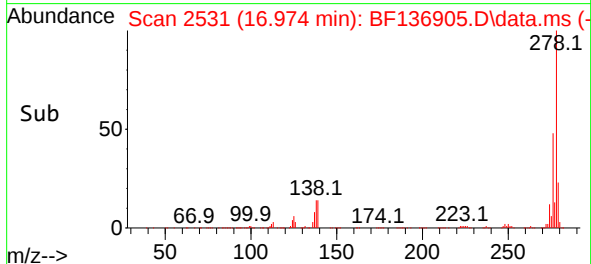
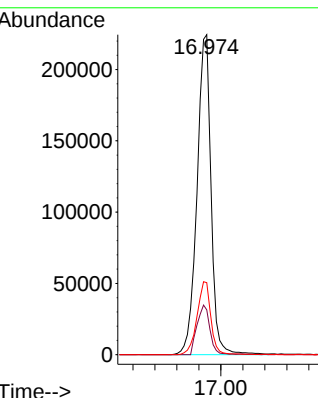
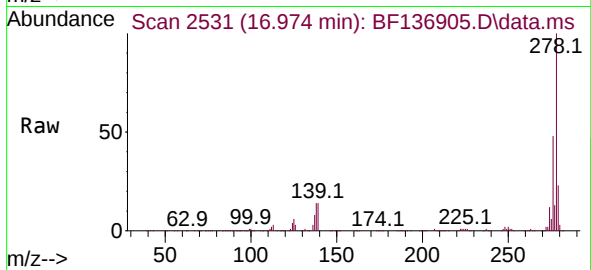
ClientSampleId :

PB157996BS

Tgt Ion:278 Resp: 398768
Ion Ratio Lower Upper
278 100
139 14.0 12.2 18.4
279 22.5 17.8 26.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#92
Benzo(g,h,i)perylene
Concen: 40.977 ng
RT: 17.415 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF136905.D
Acq: 03 Jan 2024 13:39

Tgt Ion:276 Resp: 393583
Ion Ratio Lower Upper
276 100
277 23.9 18.3 27.5
138 19.3 15.6 23.4

